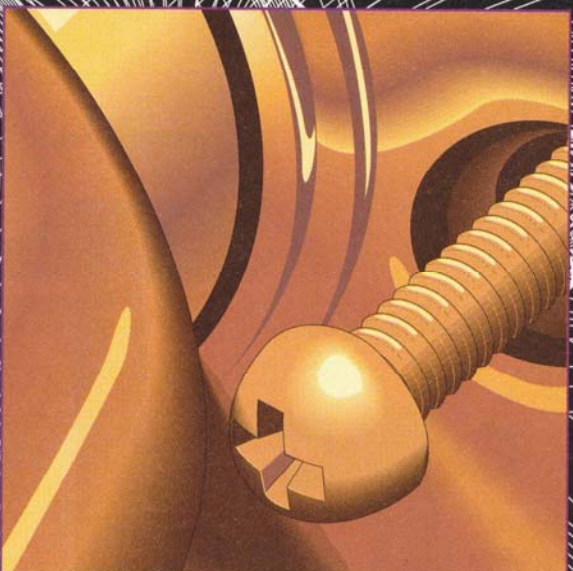


# DO-IT-YOURSELF



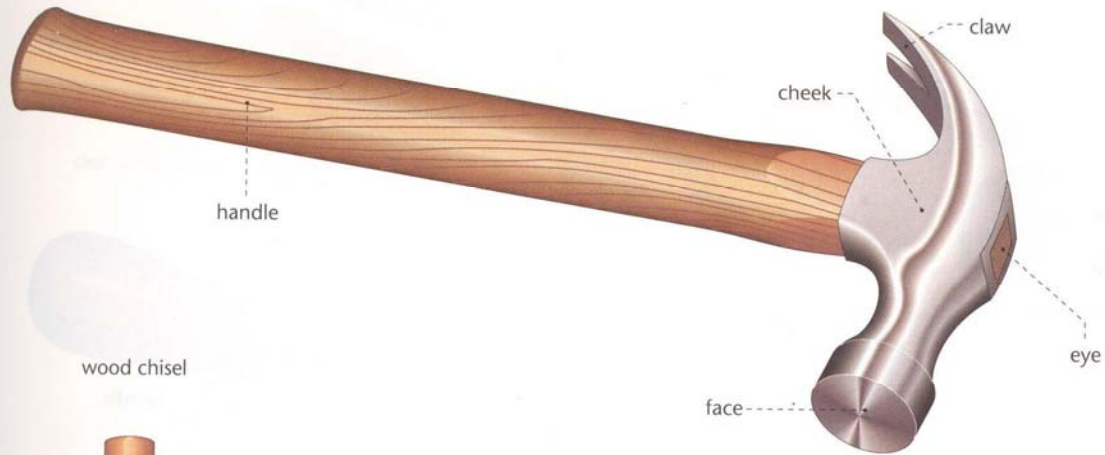
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## CARPENTRY: TOOLS

CLAW HAMMER



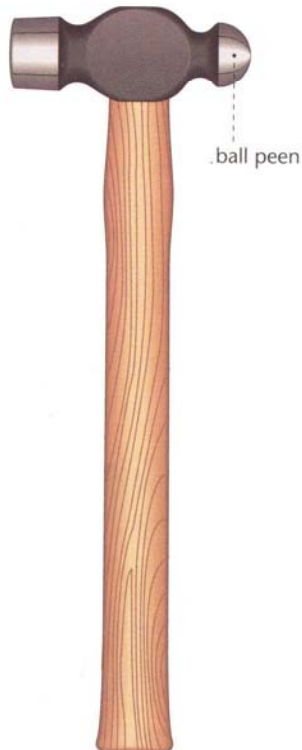
wood chisel



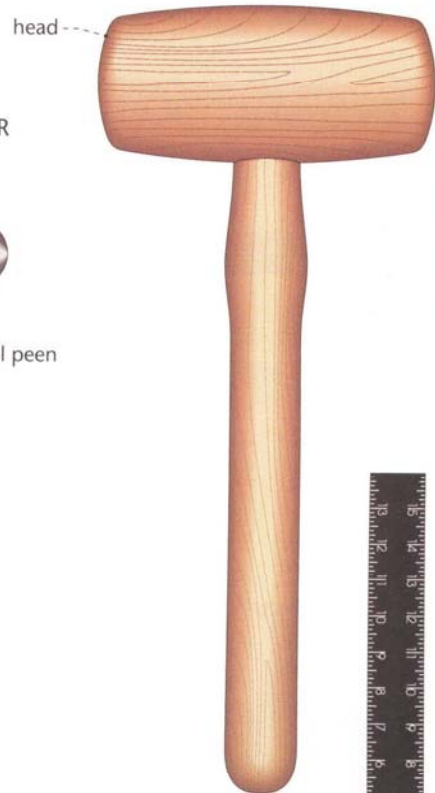
carpenter's hammer



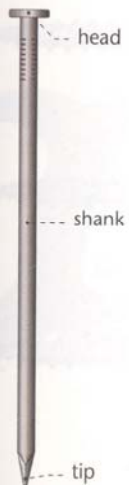
BALL-PEEN HAMMER



MALLET



NAIL



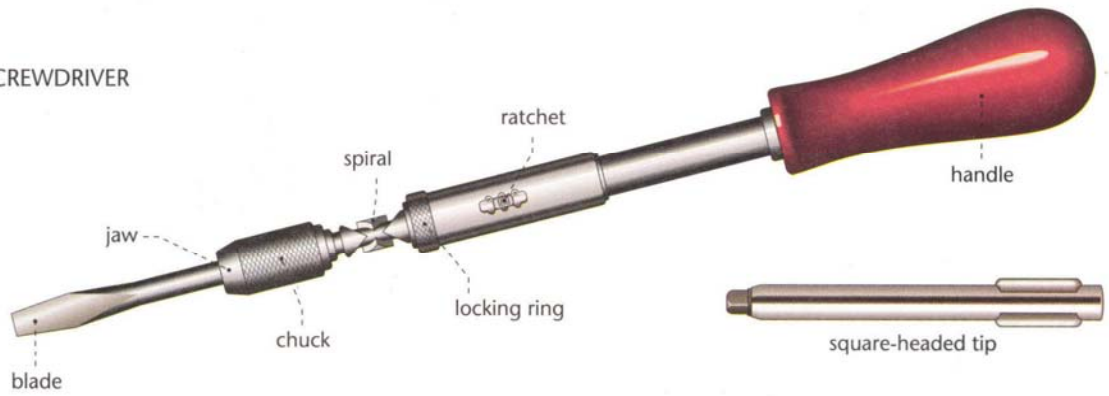
framing square



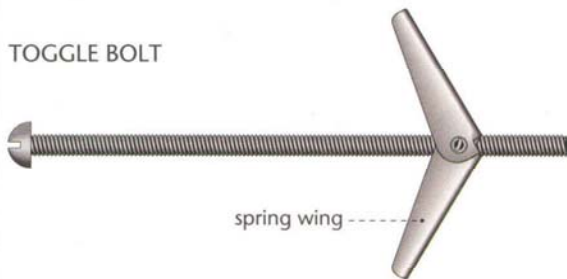
SCREWDRIVER



SPIRAL SCREWDRIVER



TOGGLE BOLT



expansion bolt



square-headed tip



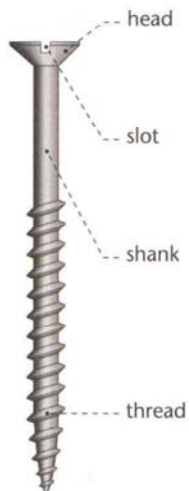
cross-headed tip



flat tip

TYPES OF HEADS

SCREW



flat head



socket head



cross head



one way head



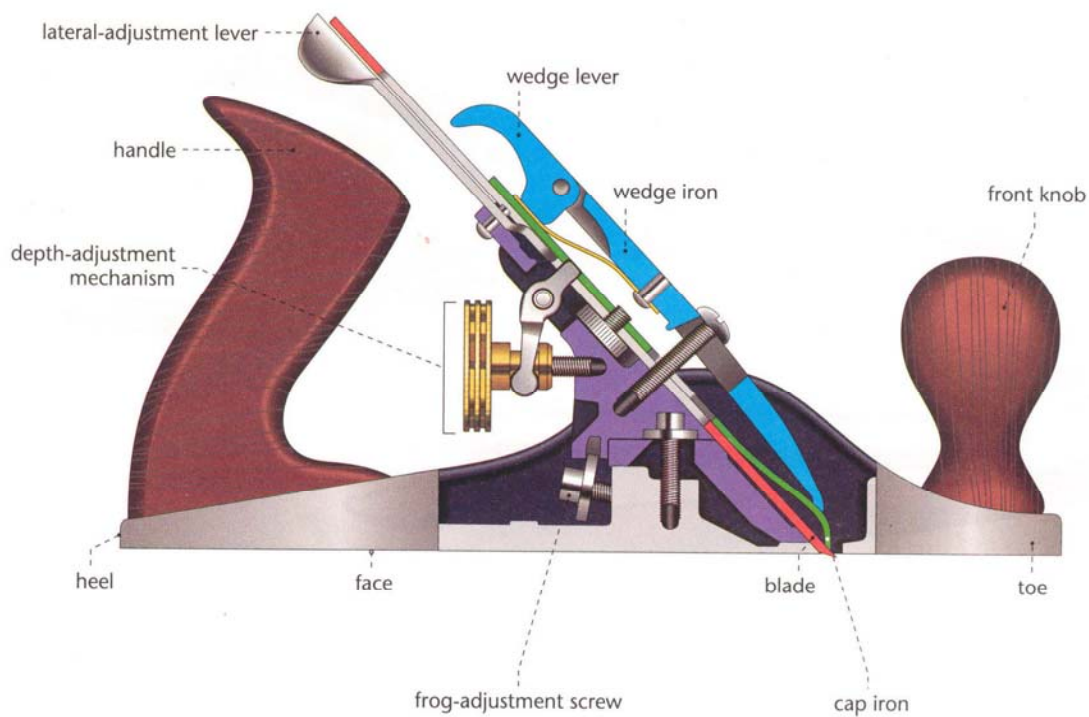
round head



oval head

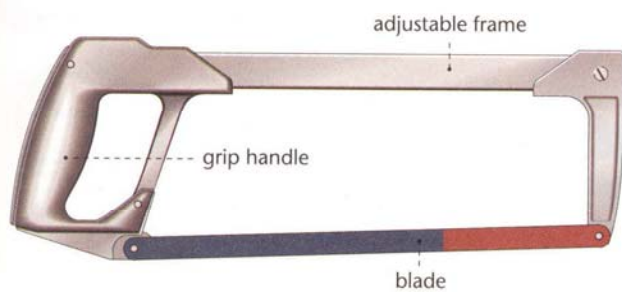


# PLANE

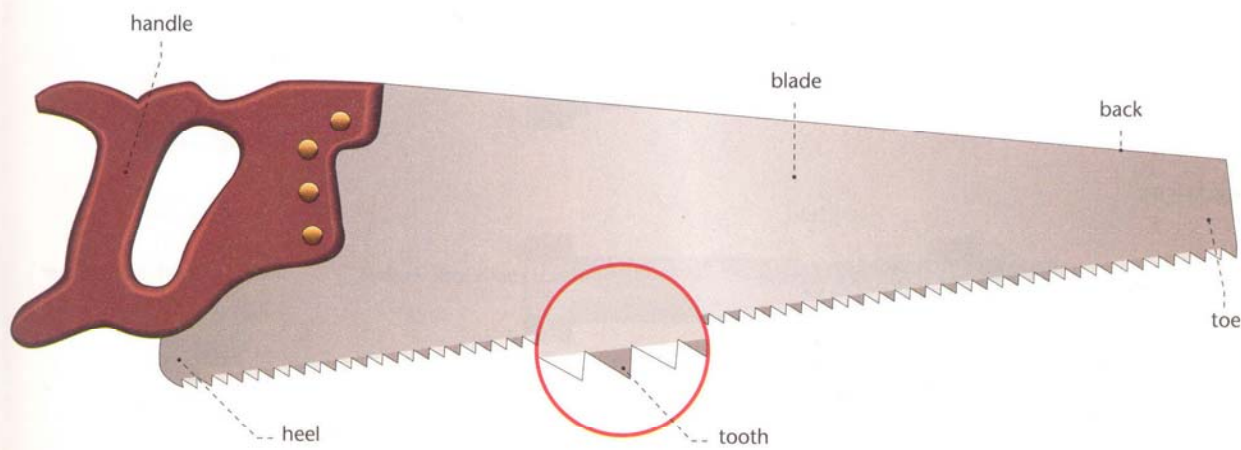


DO-IT-YOURSELF

# HACKSAW

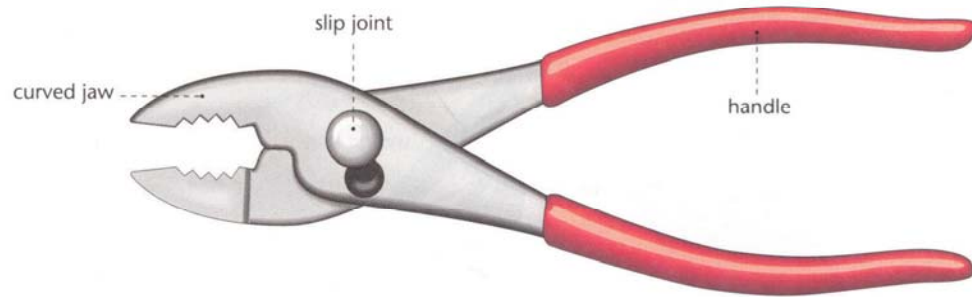


# HANDSAW

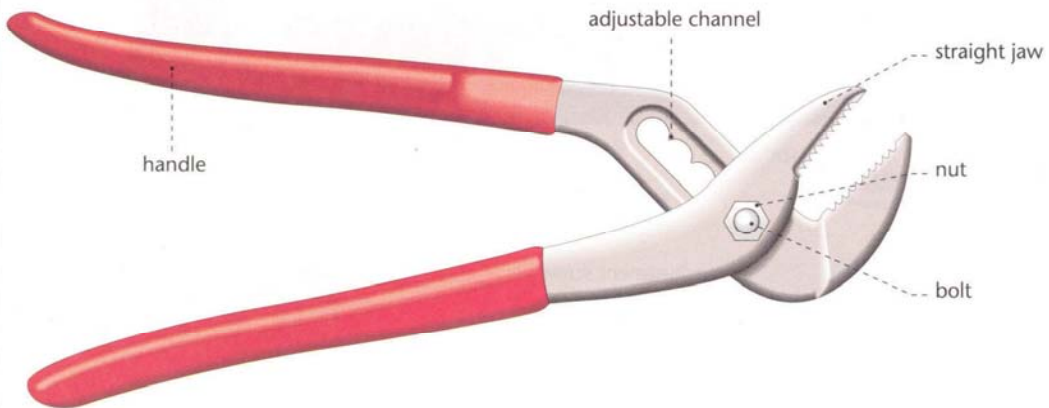


## CARPENTRY: TOOLS

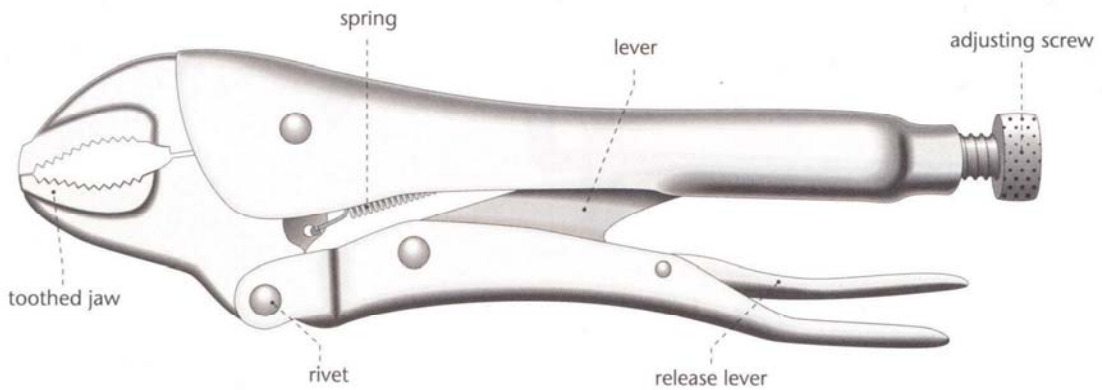
SLIP JOINT PLIERS



RIB JOINT PLIERS



LOCKING PLIERS



WASHERS

flat washer



lock washer



internal tooth lock washer



external tooth lock washer





## CRESCENT WRENCH



open end wrench



flare nut wrench



box end wrench



nut



acorn nut

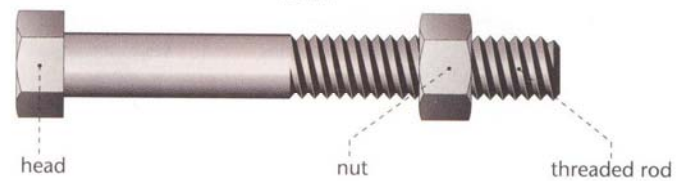


wing nut

## SHOULDER BOLT



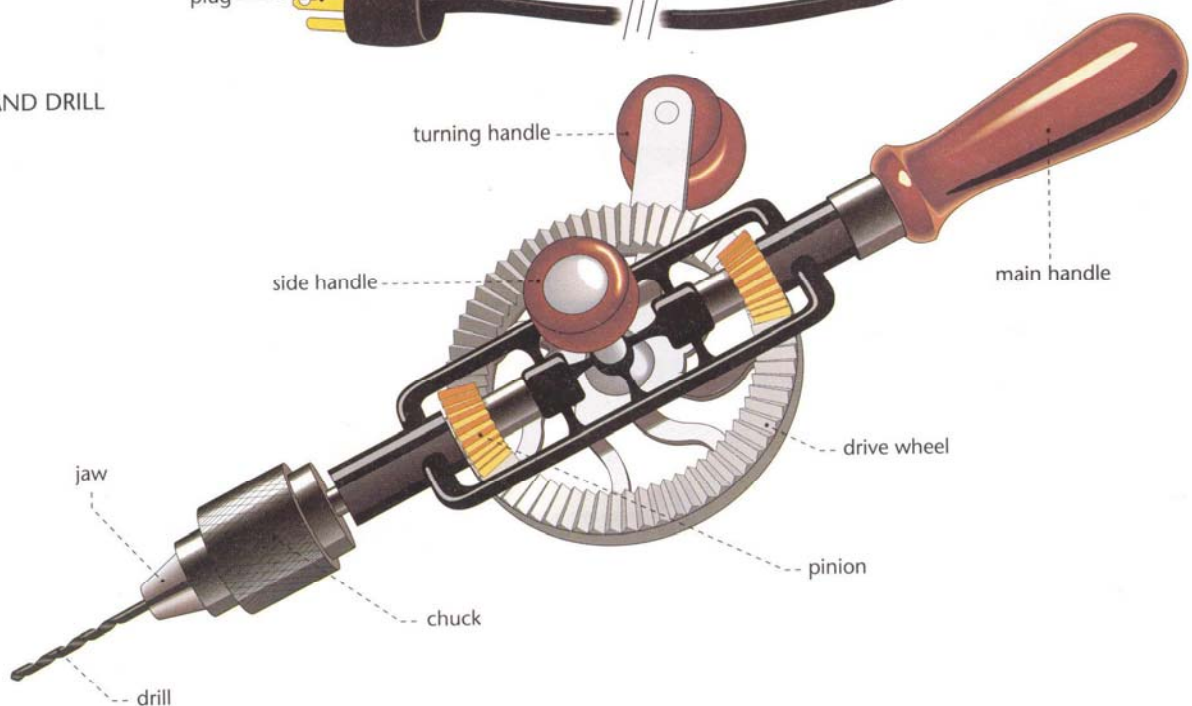
## BOLT



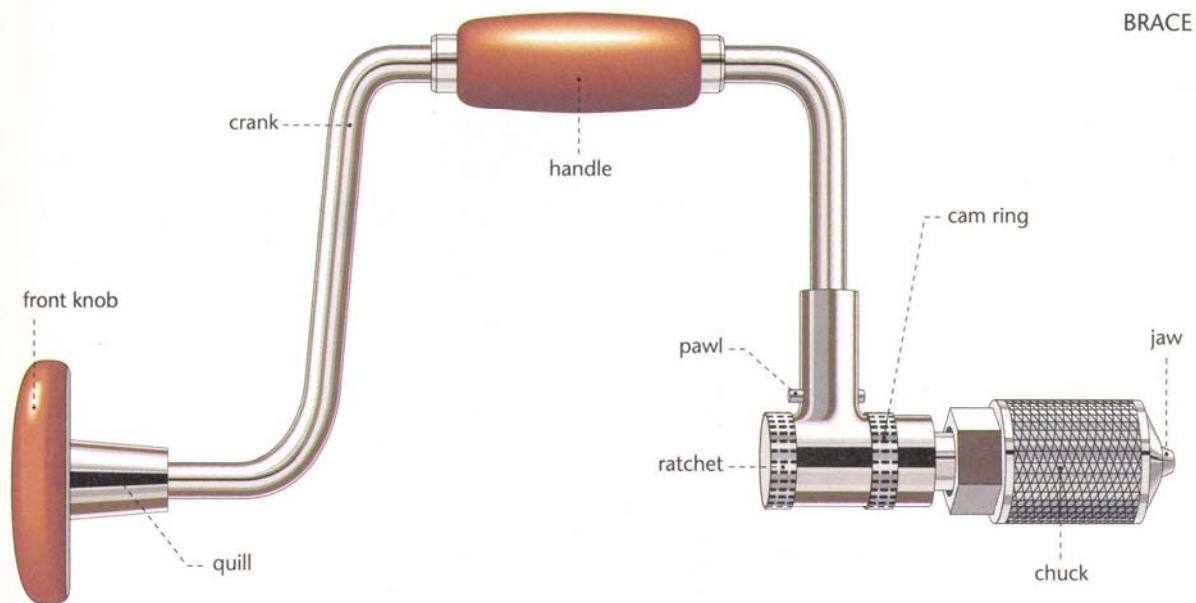
ELECTRIC DRILL



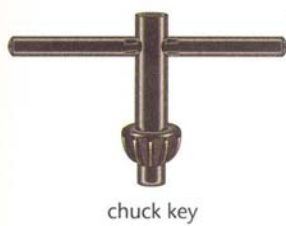
HAND DRILL





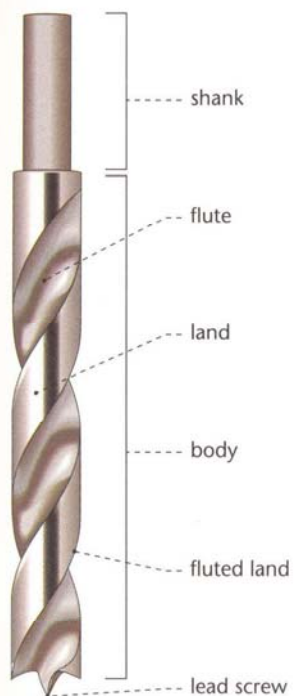


BRACE

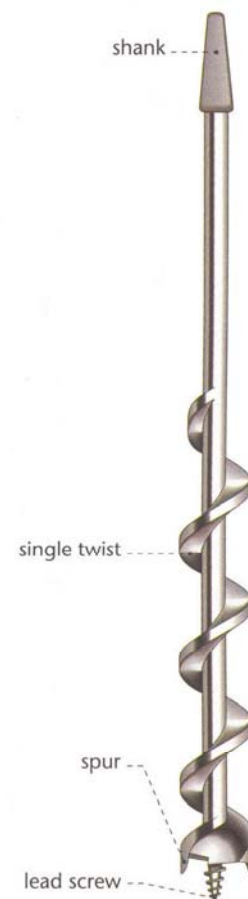


AUGER BIT

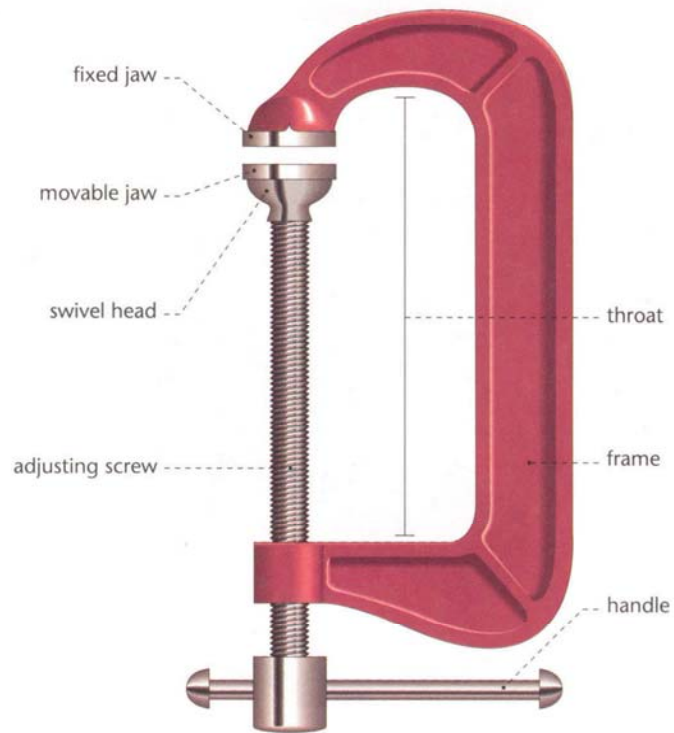
TWIST DRILL



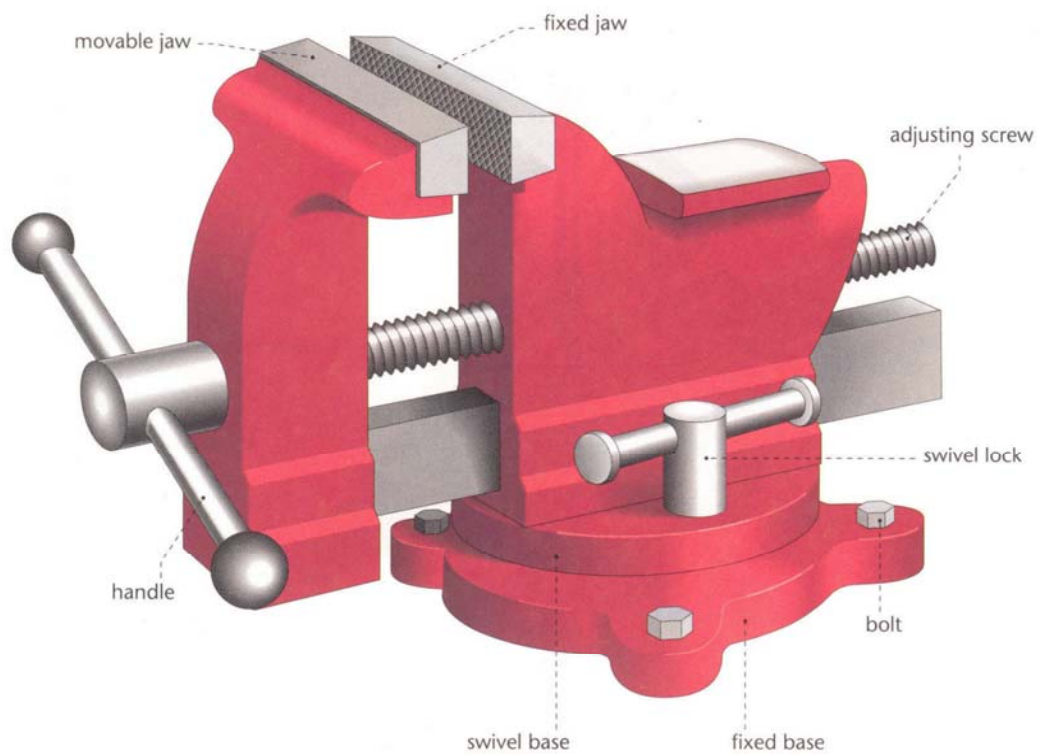
double-twist auger bit



C-CLAMP



VICE

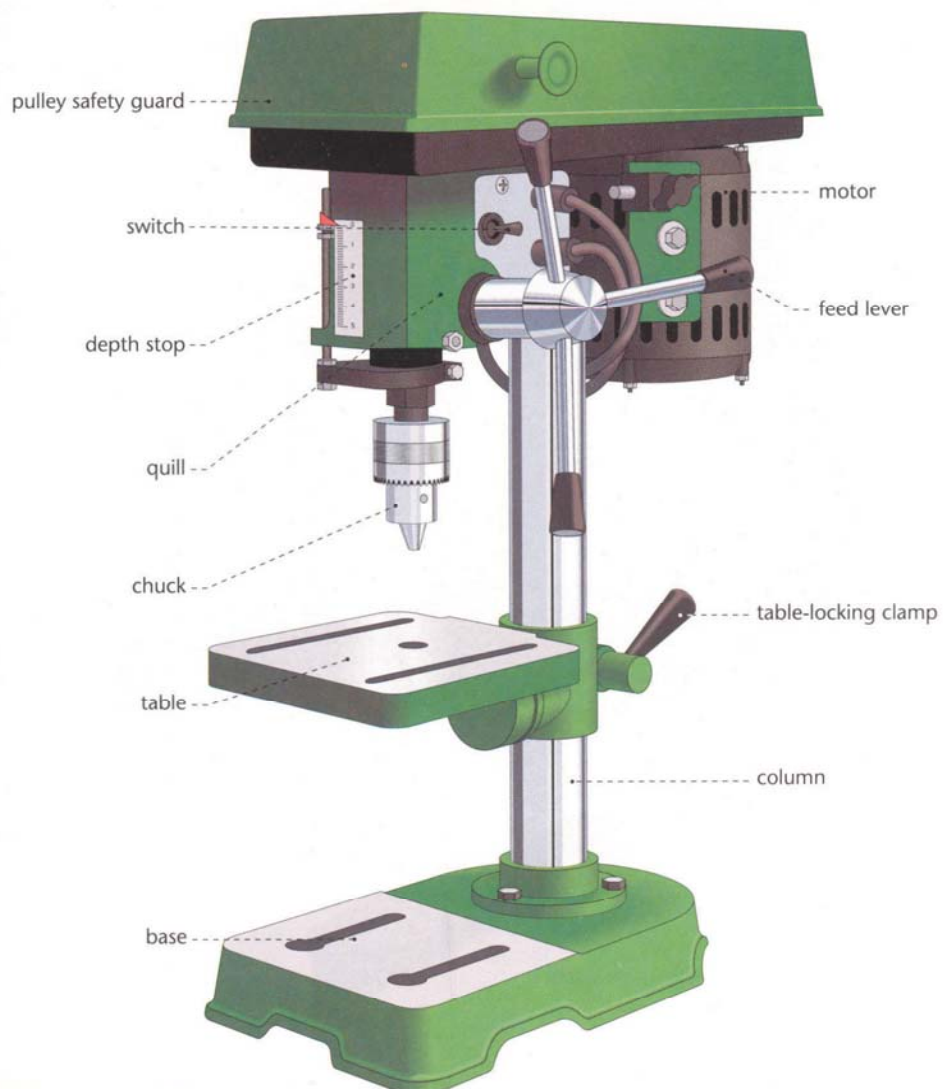


DO-IT-YOURSELF

## ROUTER

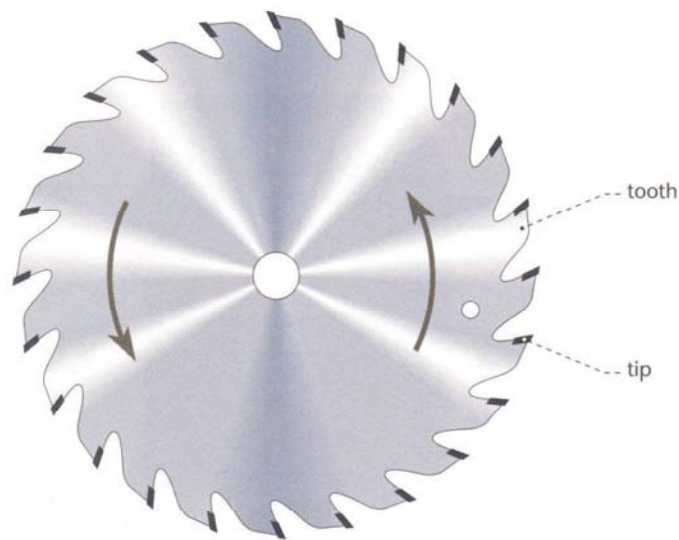


## DRILL PRESS

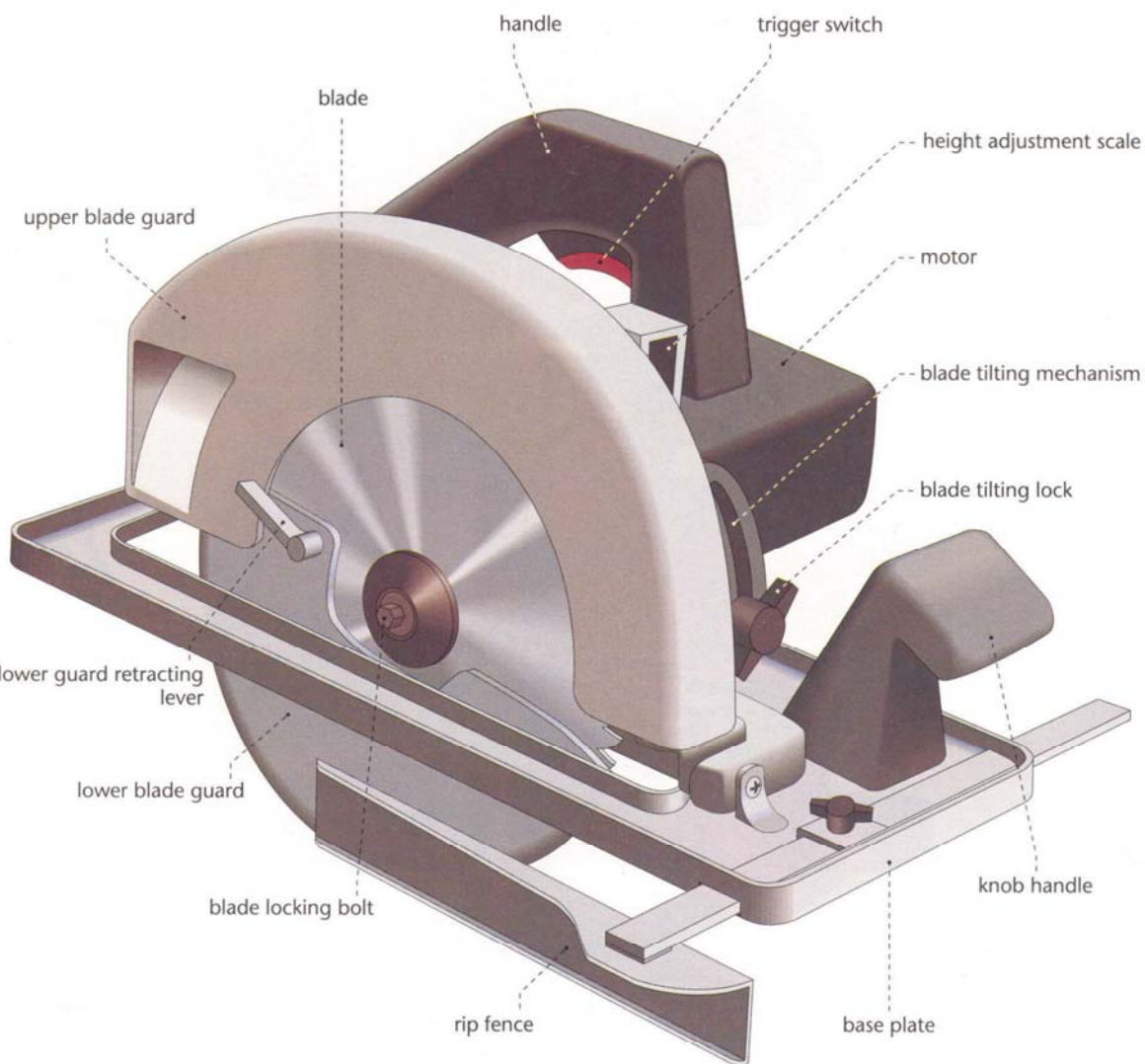




CIRCULAR SAW BLADE

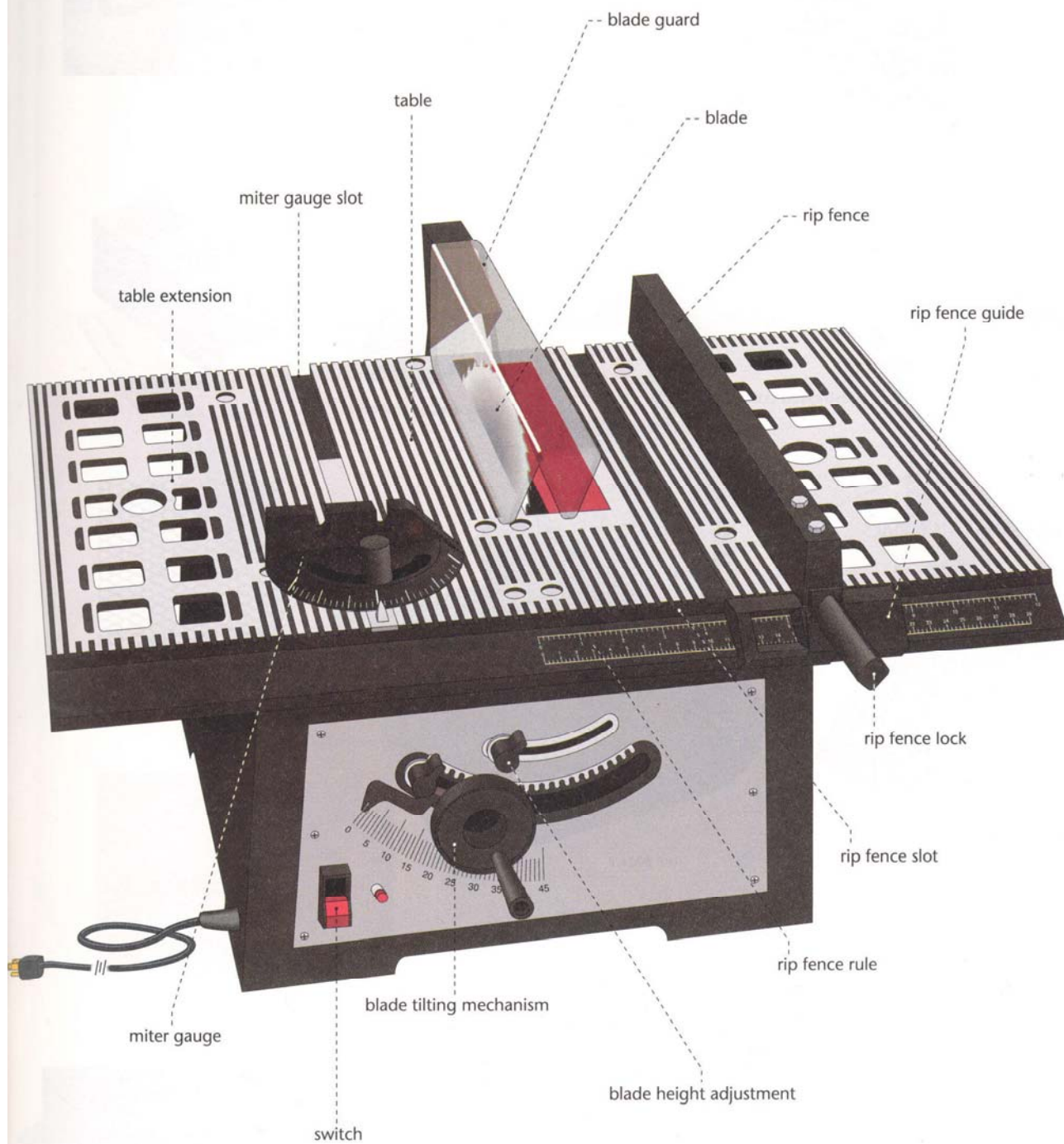


CIRCULAR SAW



DO-IT-YOURSELF

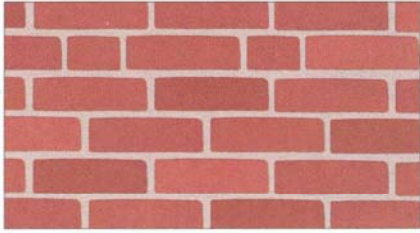
# TABLE SAW



DO-IT-YOURSELF

# BUILDING MATERIALS

## BASIC BUILDING MATERIALS



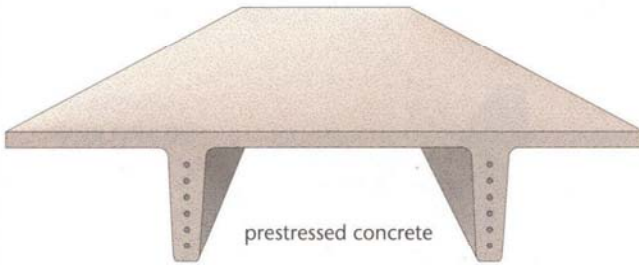
brick



steel



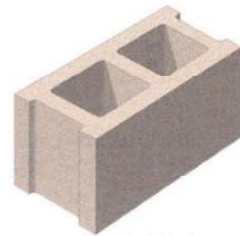
stone



prestressed concrete



reinforced concrete



concrete block

DO-IT-YOURSELF

## COVERING MATERIALS



tile



tar paper



diamond mesh metal lath



shingle



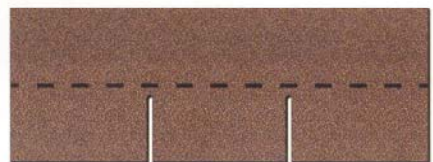
gypsum tile



plain gypsum lath



floor tile



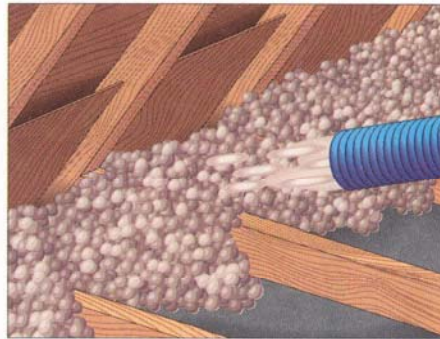
asphalt shingle



# INSULATING MATERIALS



spring-metal insulation



foam insulation



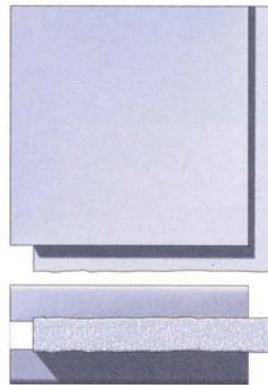
molded insulation



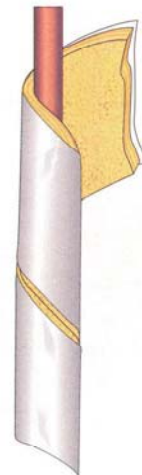
foam-rubber insulation



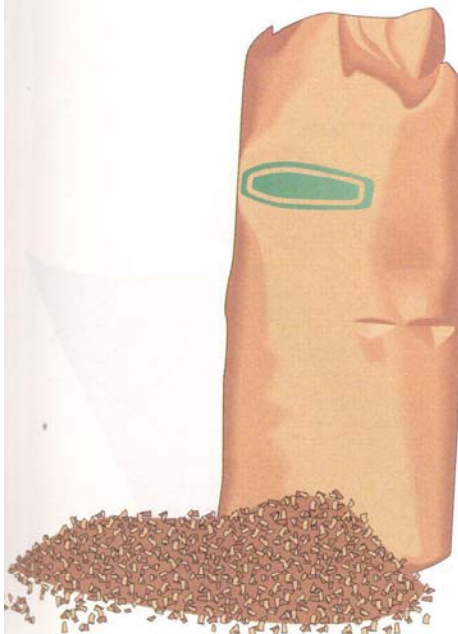
vinyl insulation



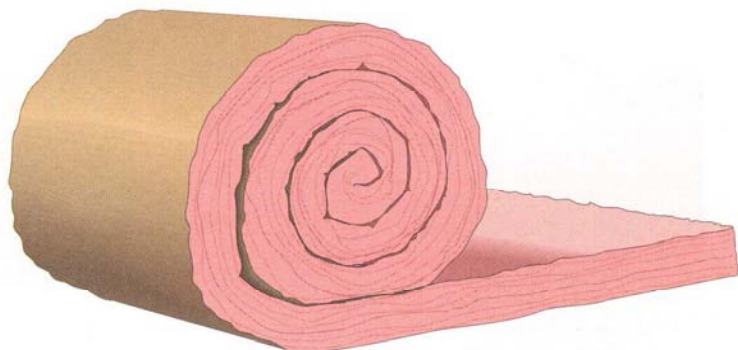
board insulation



pipe-wrapping insulation



loose fill insulation

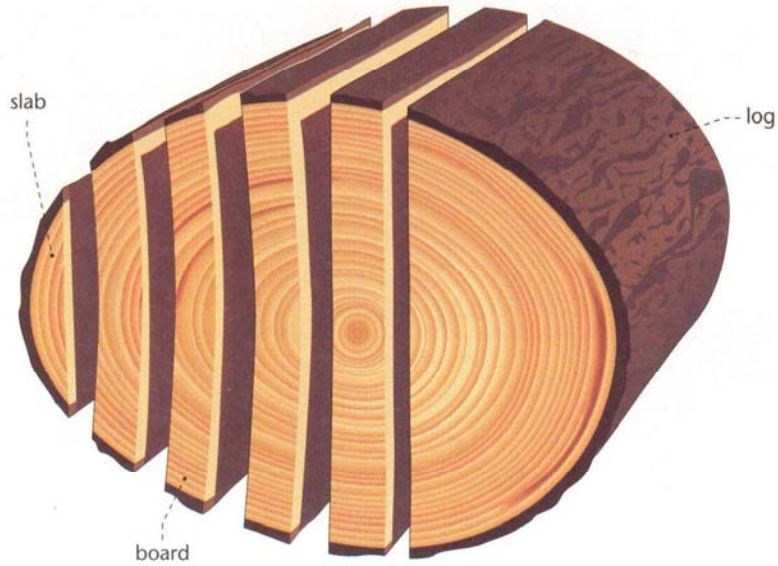


blanket insulation

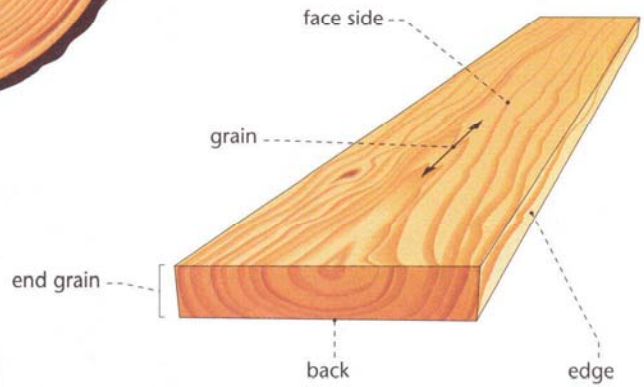
DO-IT-YOURSELF

## WOOD

SECTION OF A LOG



BOARD



## WOOD-BASED MATERIALS



blockboard



multi-ply plywood

ply



laminboard



waferboard

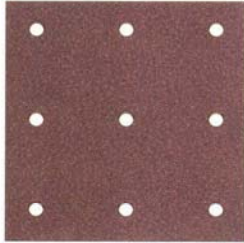


peeled veneer

## WOOD-BASED MATERIALS



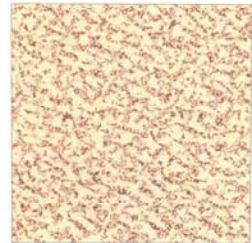
hardboard



perforated hardboard



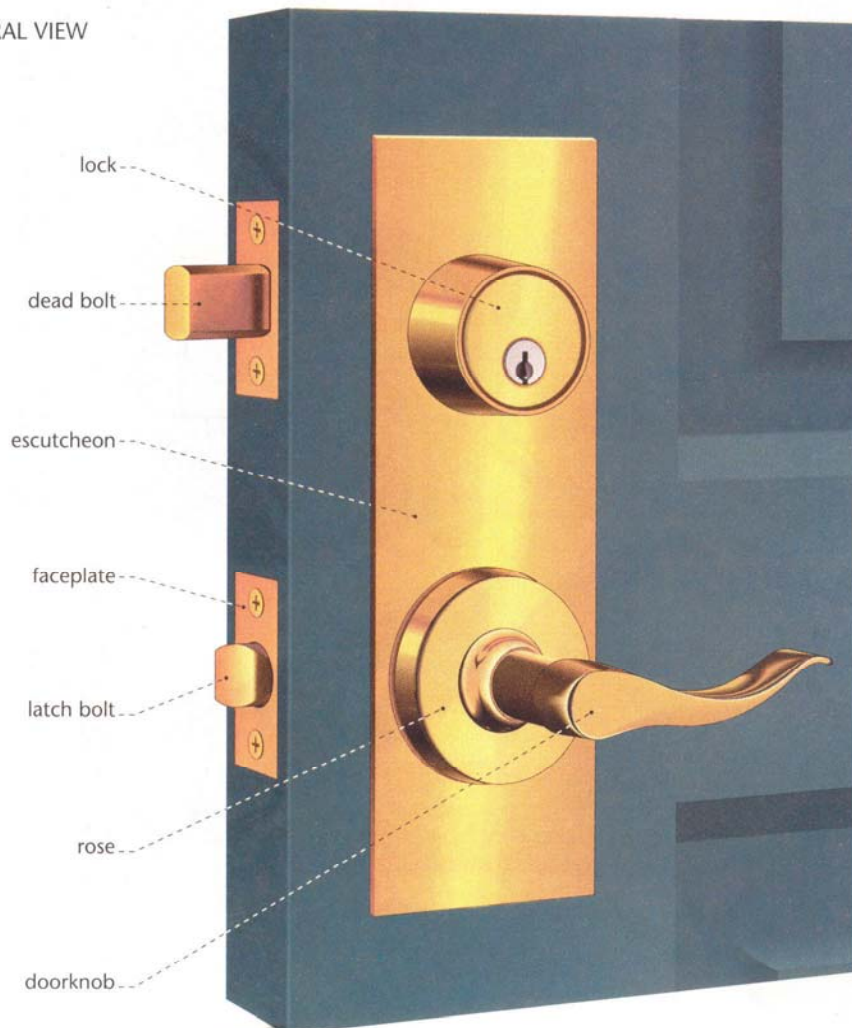
plastic-laminated particle board



particle board

## LOCK

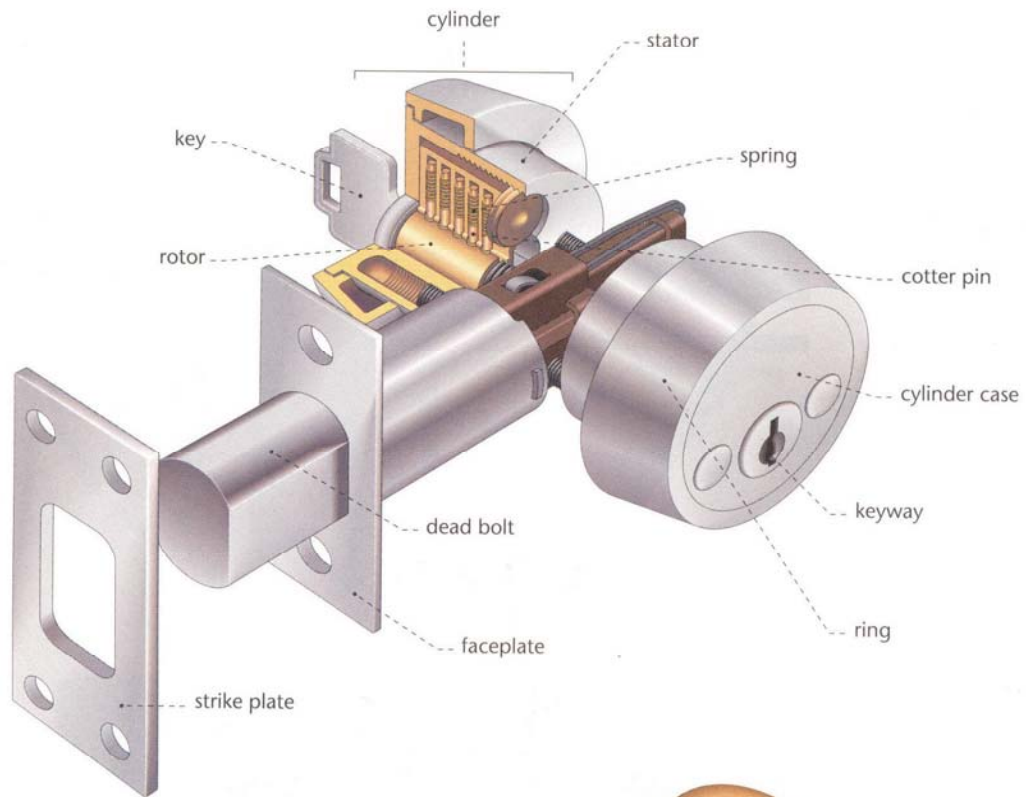
### GENERAL VIEW



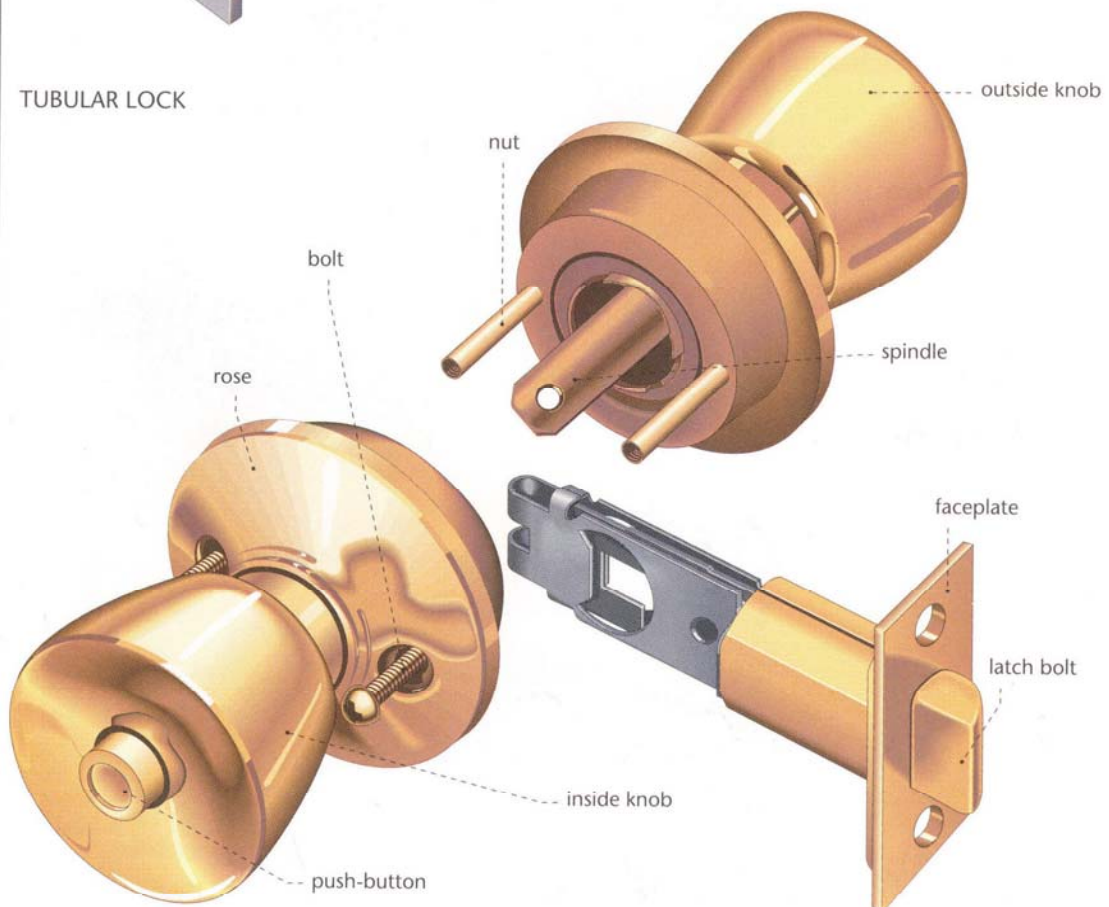


## LOCK

### MORTISE LOCK

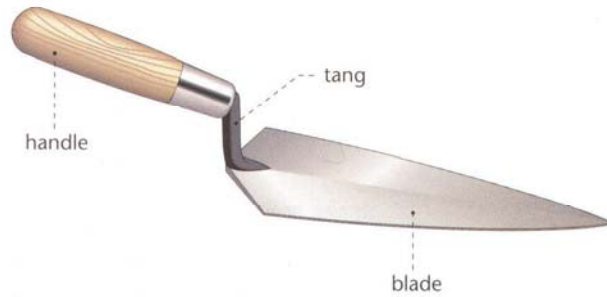


### TUBULAR LOCK



## MASONRY

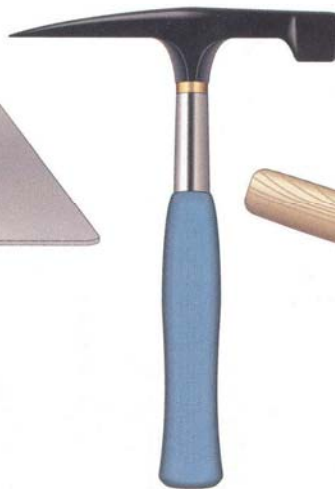
MASON'S TROWEL



square trowel



bricklayer's hammer



hawk



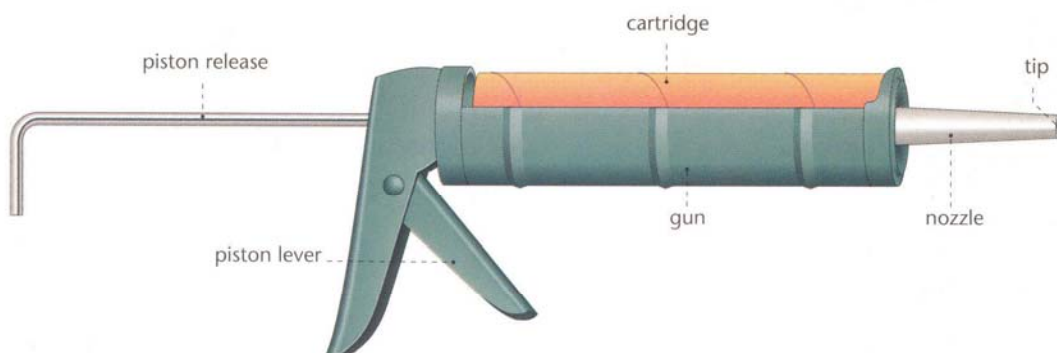
joint filler



spirit level



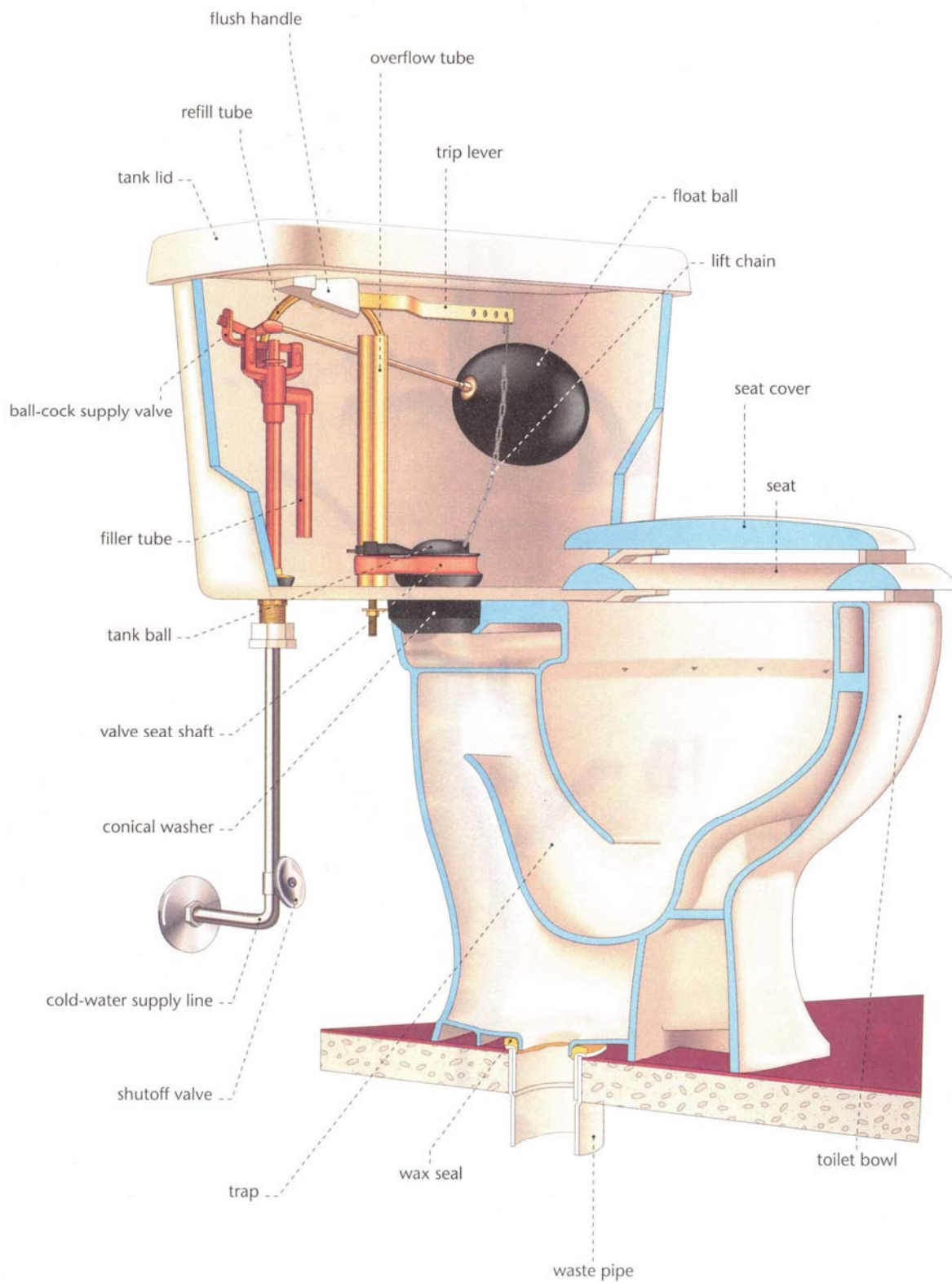
CAULKING GUN



## DO-IT-YOURSELF

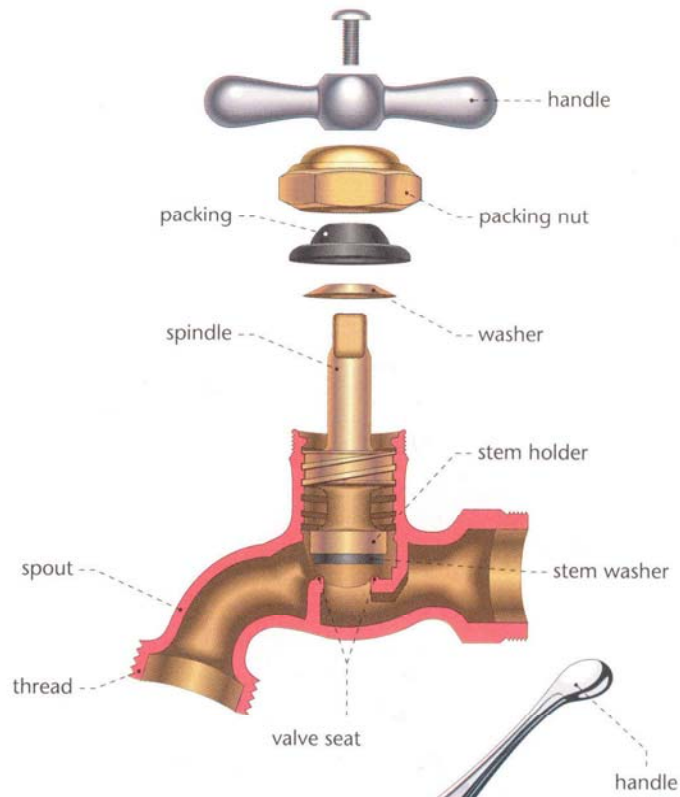






## PLUMBING

STEM FAUCET



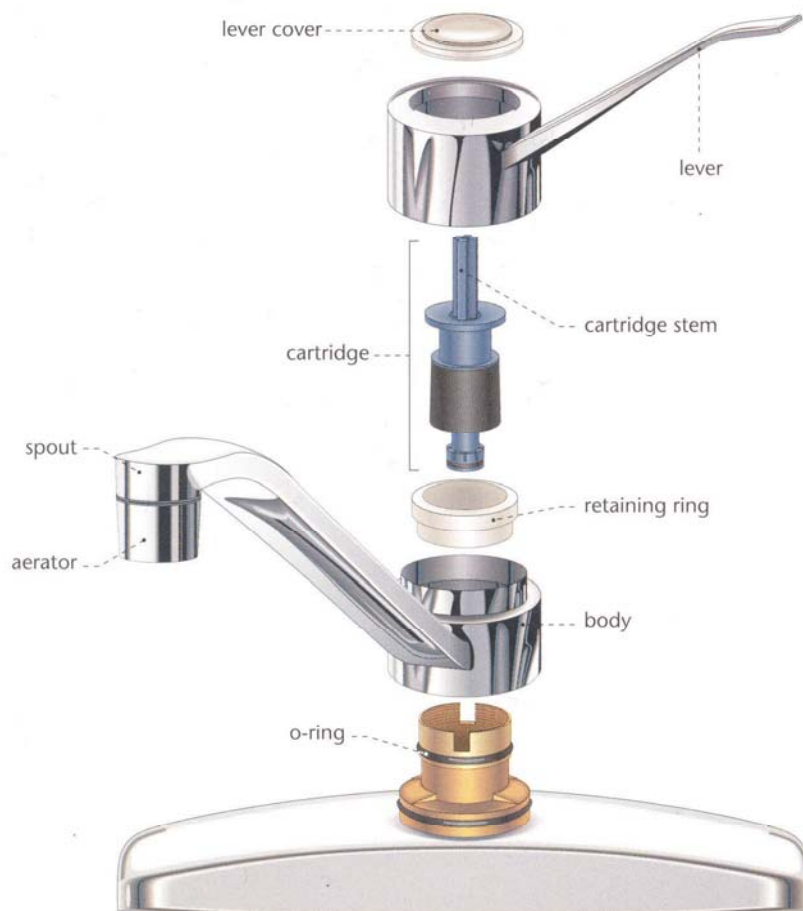
DO-IT-YOURSELF

BALL-TYPE FAUCET





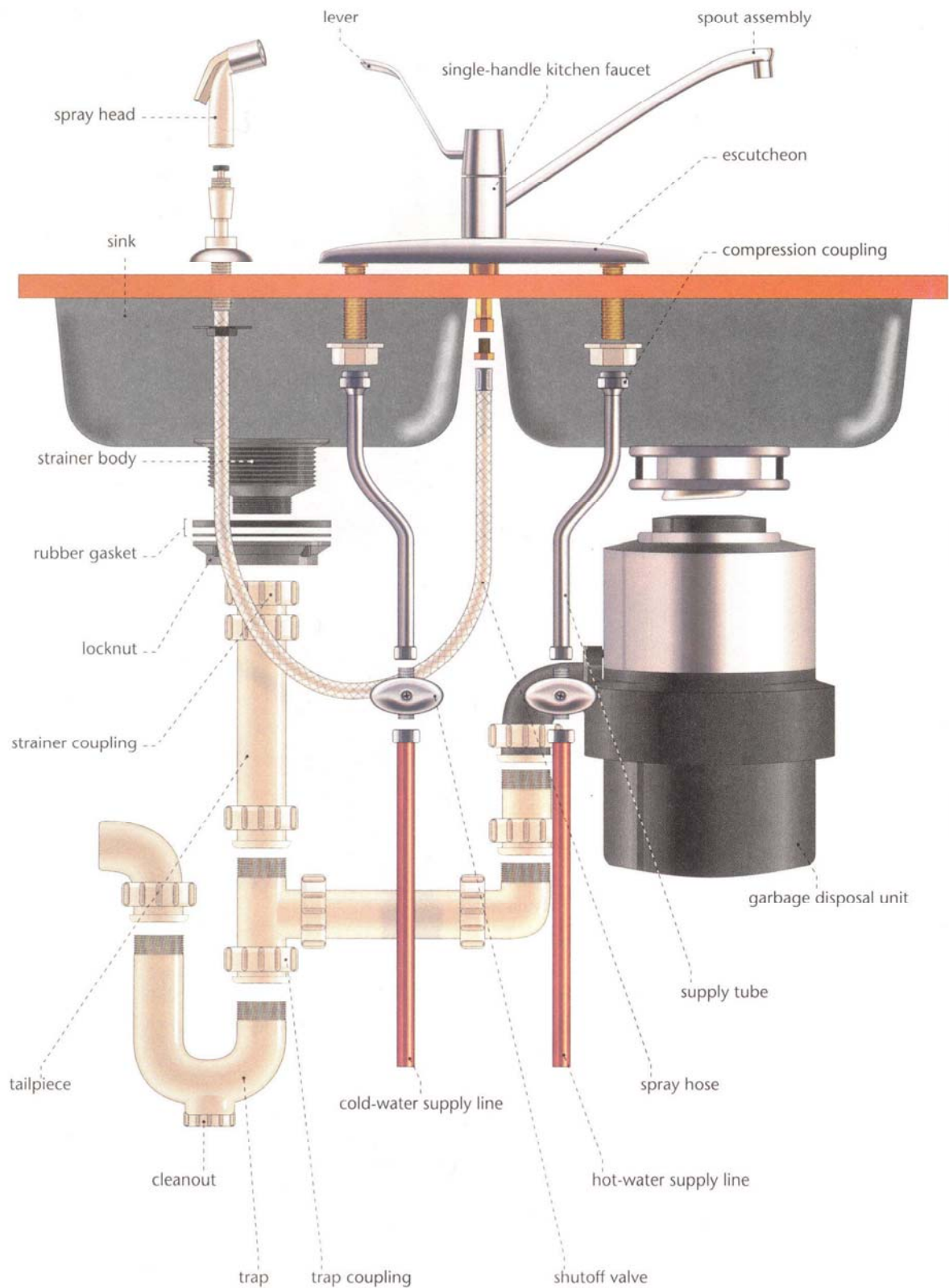
DISC FAUCET



CARTRIDGE FAUCET

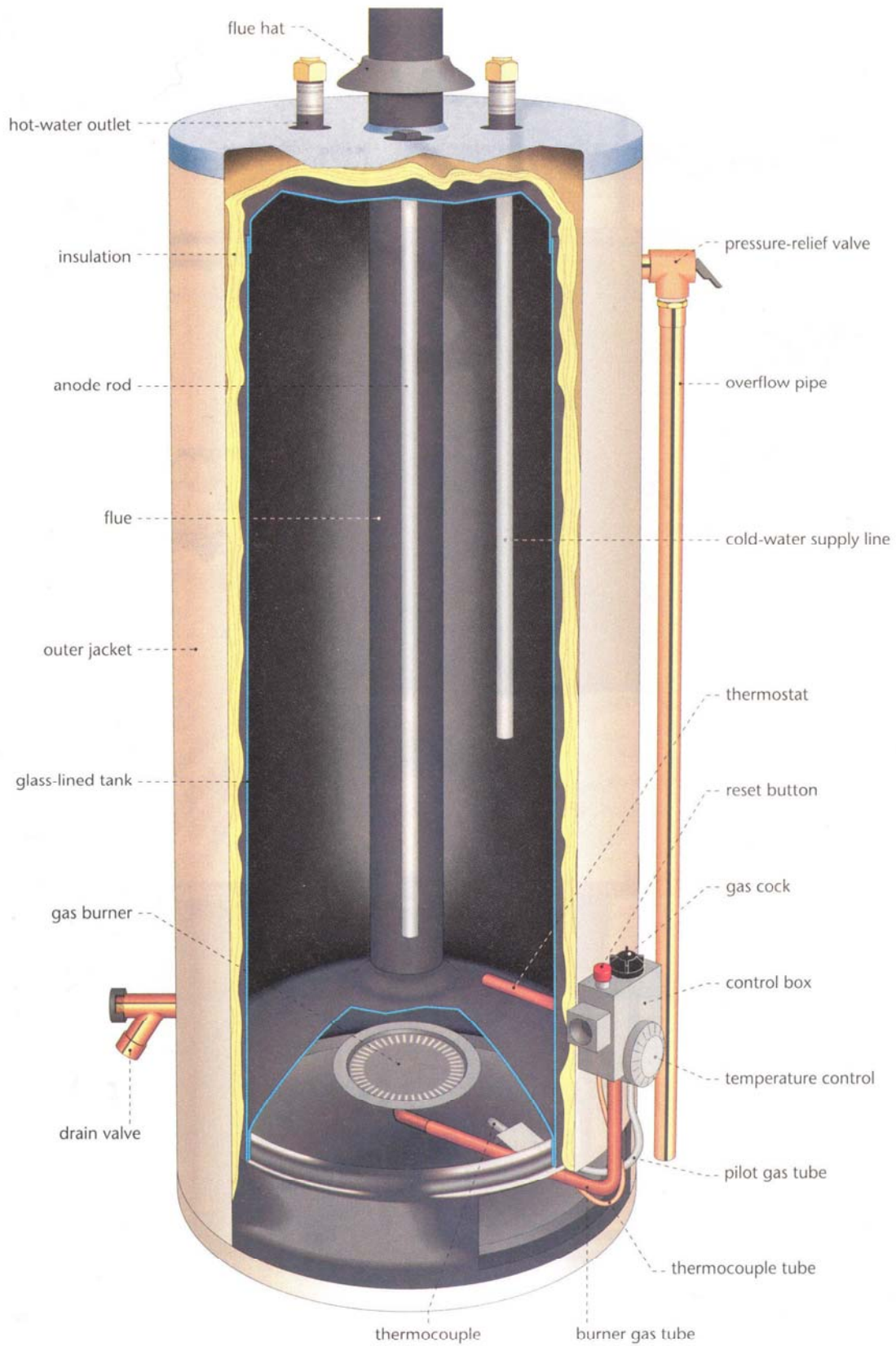


## GARBAGE DISPOSAL SINK



DO-IT-YOURSELF

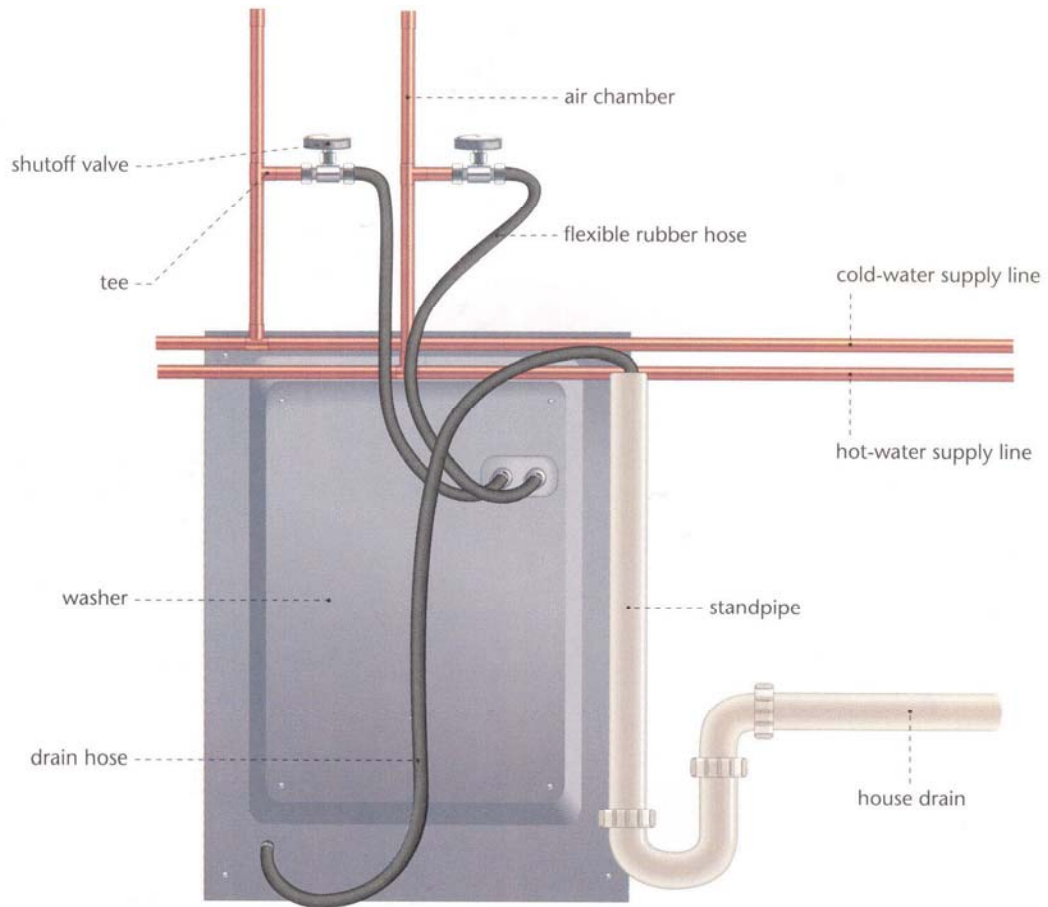
# GAS WATER-HEATER TANK



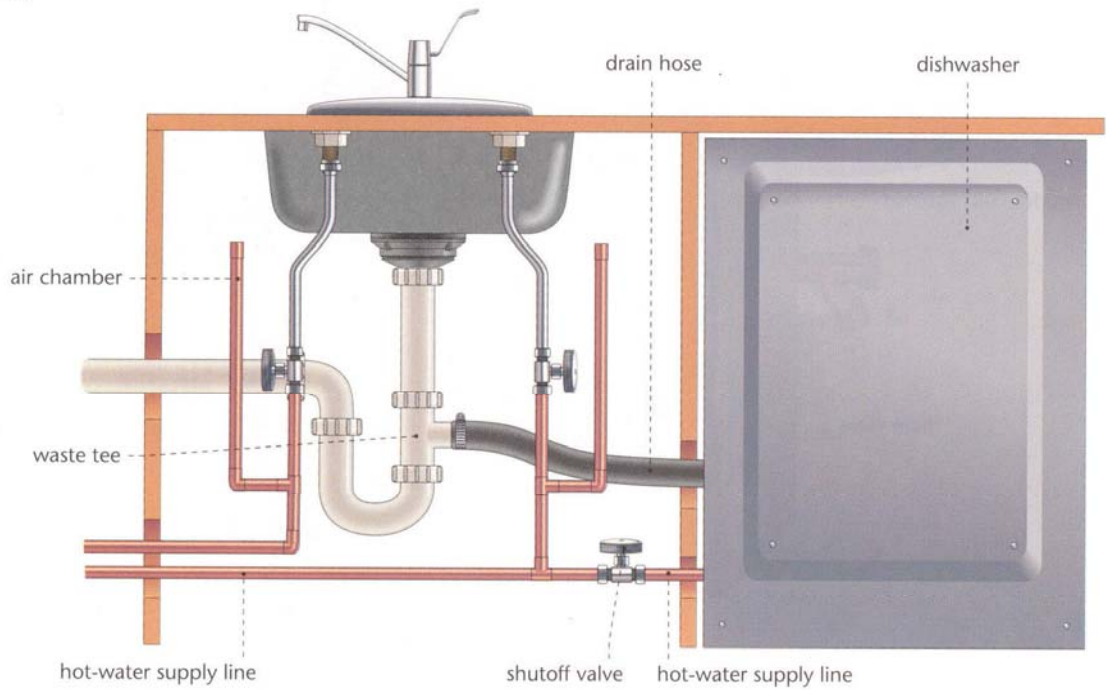
DO-IT-YOURSELF

## PLUMBING: EXAMPLES OF BRANCHING

WASHER



DISHWASHER



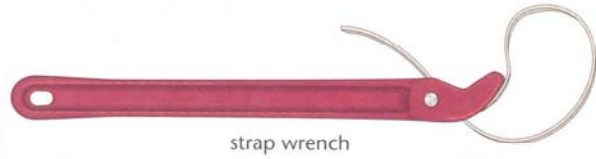
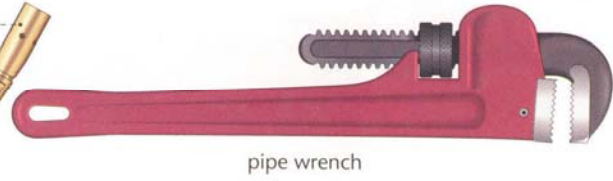


# PLUMBING

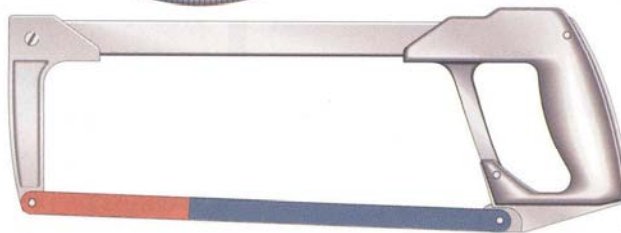
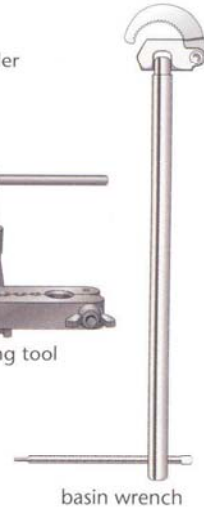
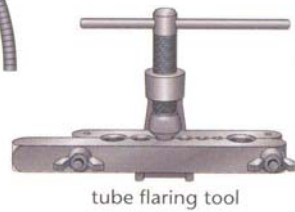
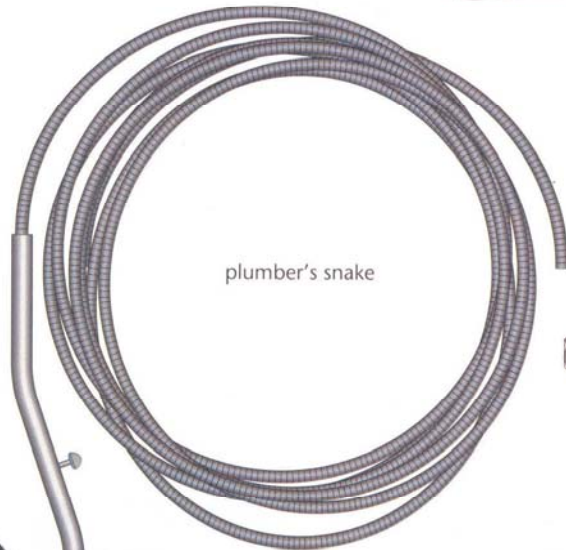
## PLUMBING TOOLS



soldering torch



disposable fuel cylinder

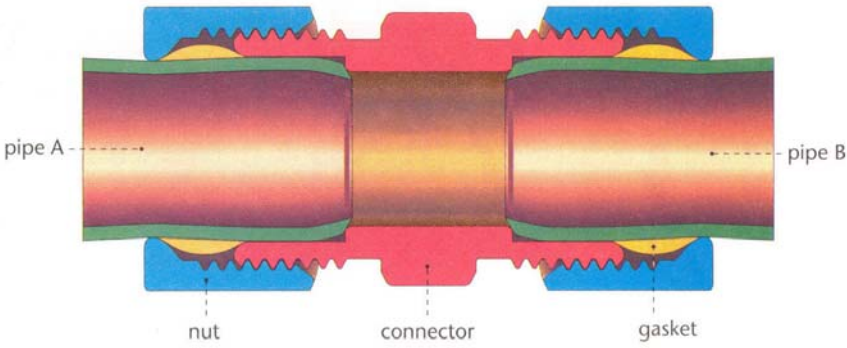


DO-IT-YOURSELF

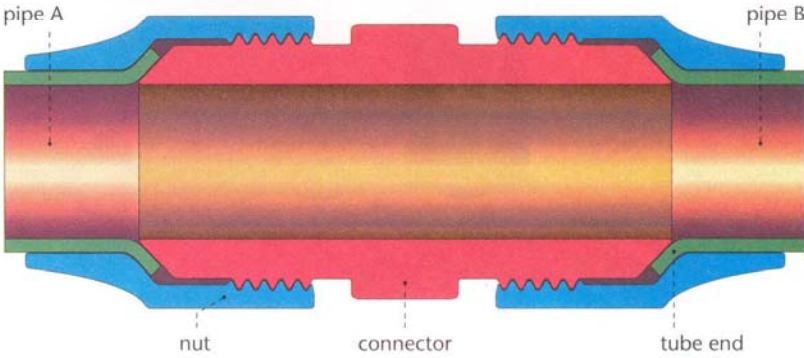
MECHANICAL CONNECTORS

DO-IT-YOURSELF

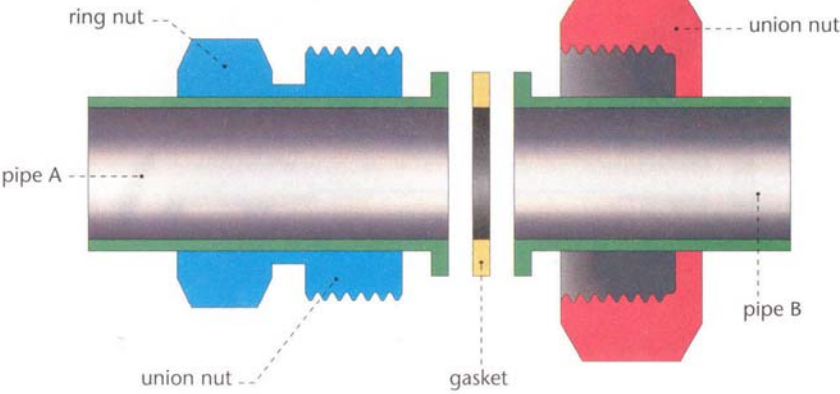
compression fitting



flare joint



union



## TRANSITION FITTINGS



steel to plastic



copper to plastic



copper to steel

## FITTINGS



45° elbow



elbow



U-bend



tee



Y-branch



offset



trap



square head plug



cap



flush bushing



nipple



reducing coupling



threaded cap



pipe coupling

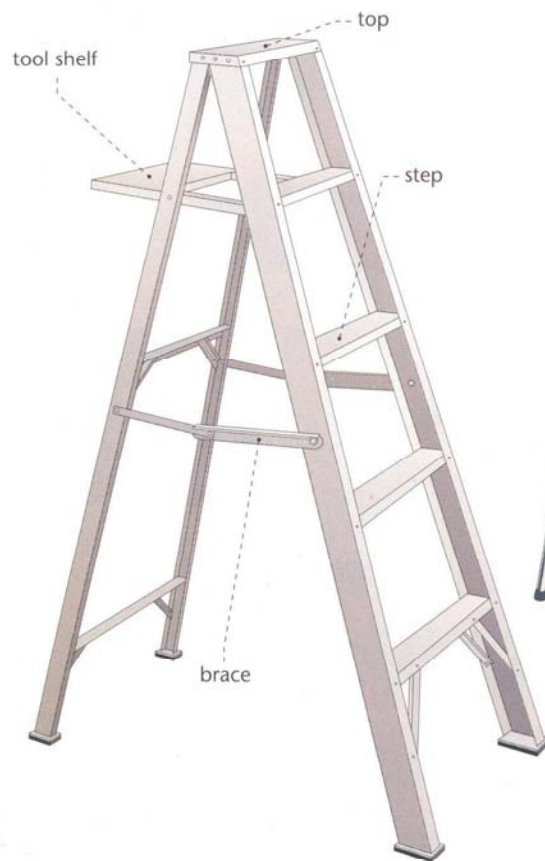


hexagon bushing



## LADDERS AND STEPLADDERS

STEPLADDER



EXTENSION LADDER



PLATFORM LADDER



straight ladder



foldaway ladder



hook ladder



rope ladder



multi-purpose ladder



fruit-picking ladder



rolling ladder

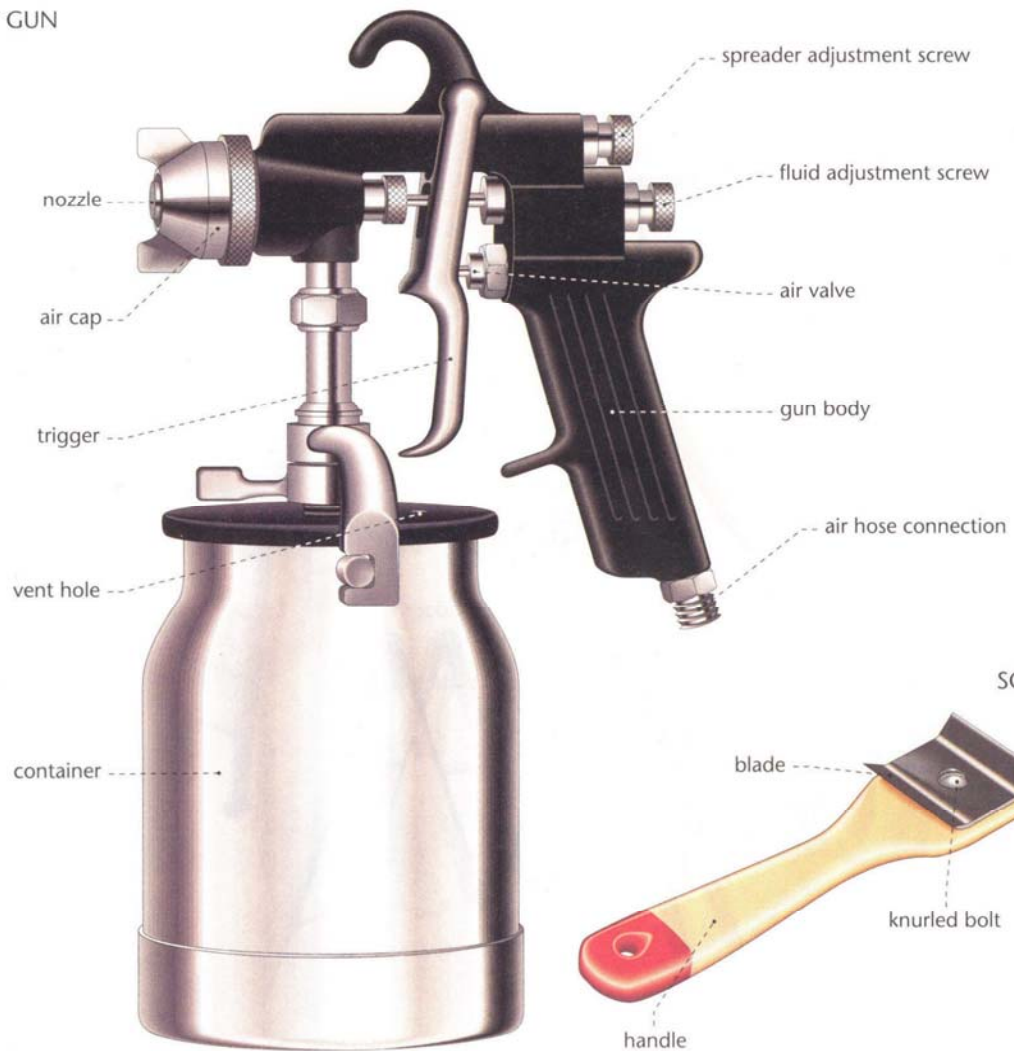


ladder scaffold

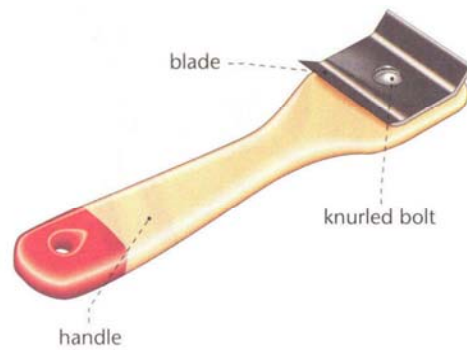


## PAINTING UPKEEP

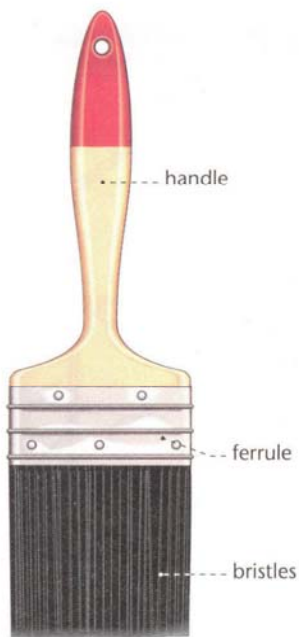
SPRAY PAINT GUN



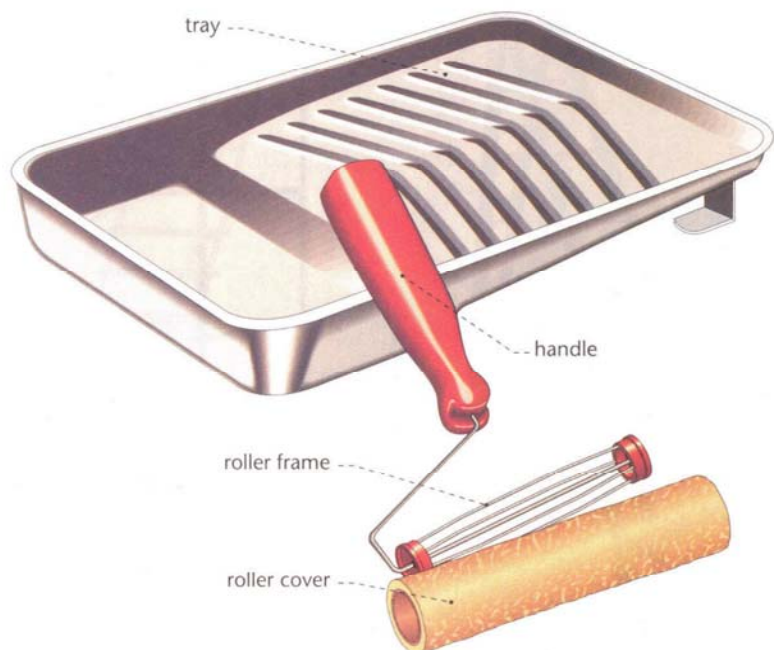
SCRAPER



BRUSH



PAINT ROLLER



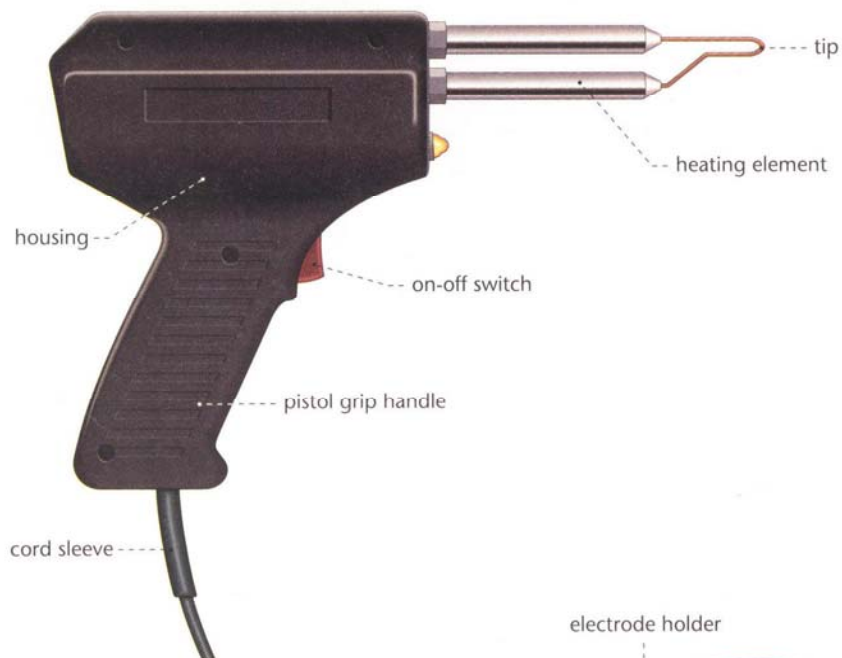


## SOLDERING AND WELDING

soldering iron



SOLDERING GUN

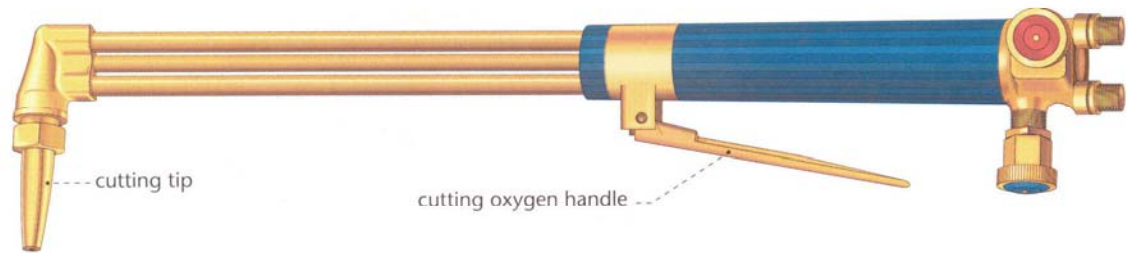


ARC WELDING

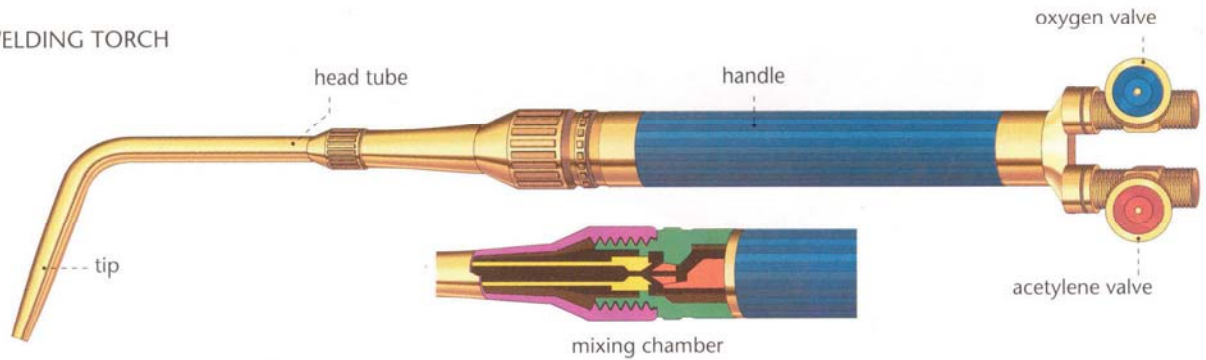


SOLDERING AND WELDING

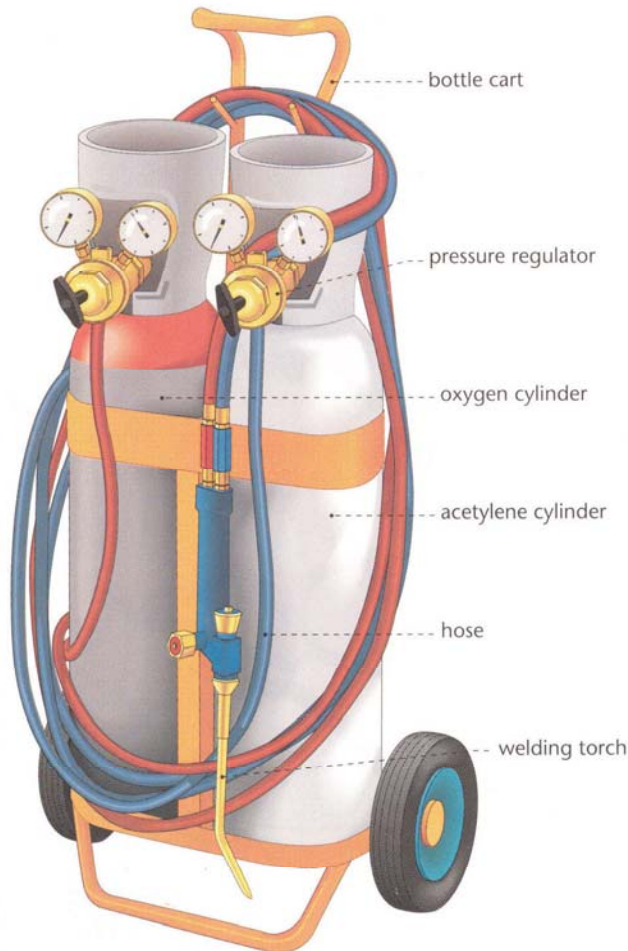
CUTTING TORCH



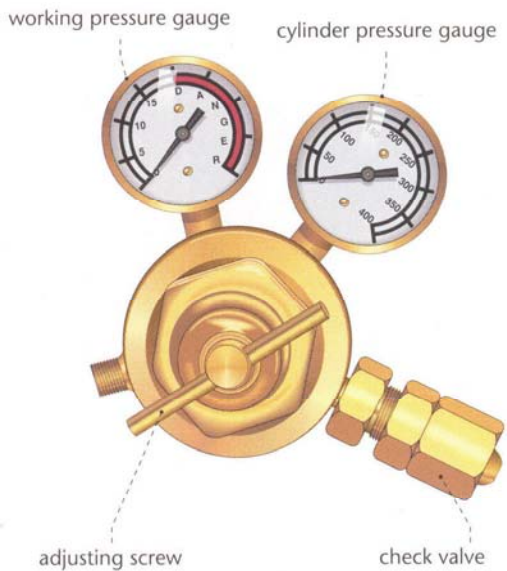
WELDING TORCH



OXYACETYLENE WELDING

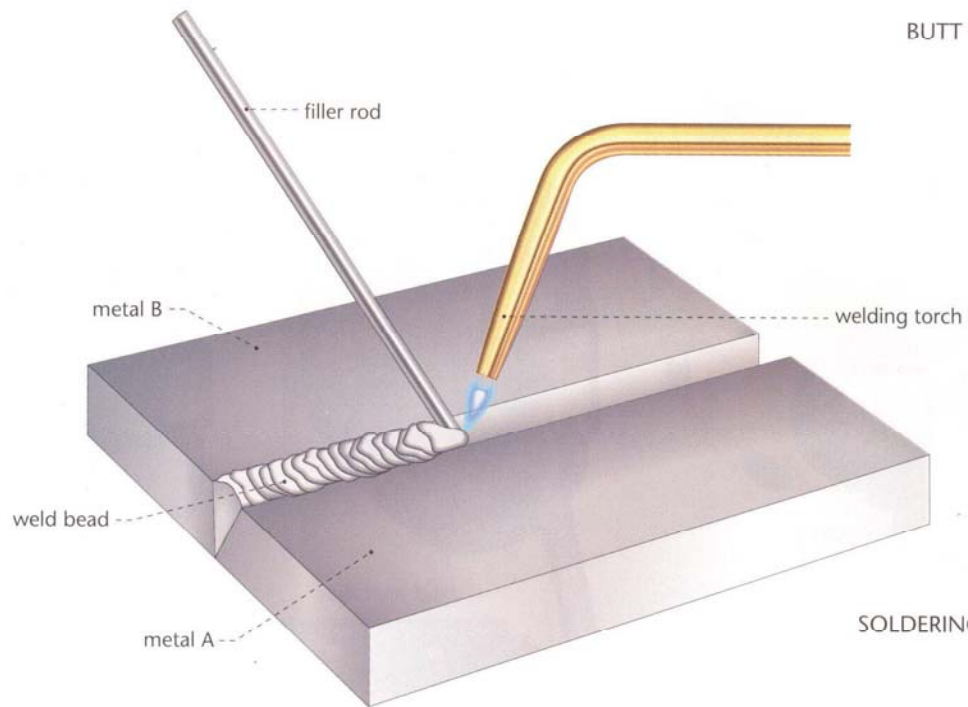


PRESSURE REGULATOR



DO-IT-YOURSELF

## BUTT WELDING



## SOLDERING TORCH



DO-IT-YOURSELF



## SOLDERING AND WELDING: PROTECTIVE CLOTHING

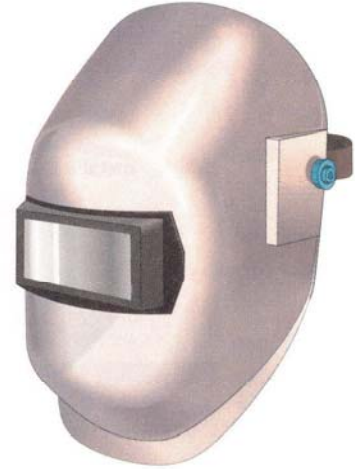
goggles



hand shield



face shield



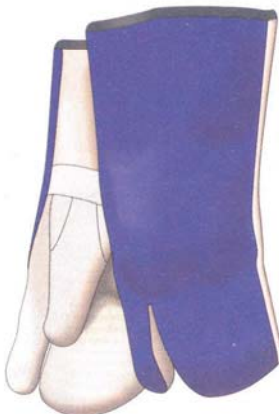
gauntlet



welding curtain



mitten

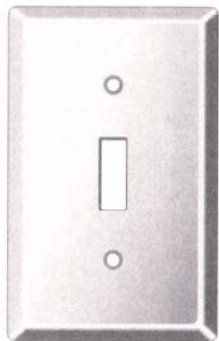


## ELECTRICITY

dimmer switch



switch plate

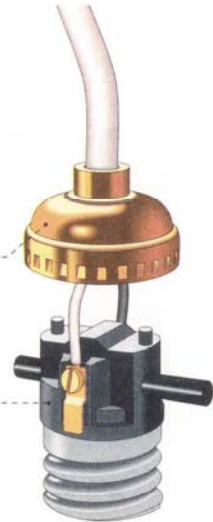


LAMP SOCKET



cap

socket



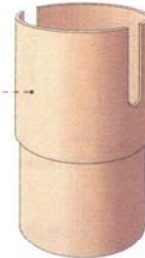
electrical box



switch



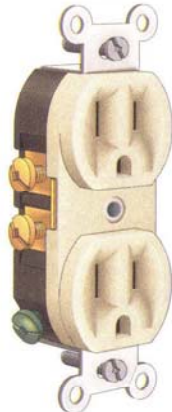
insulating sleeve



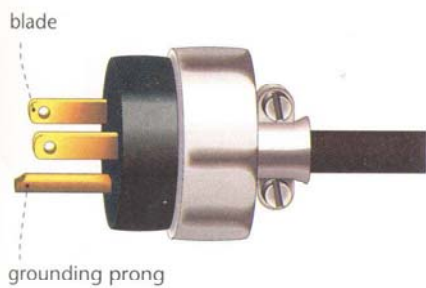
outer shell



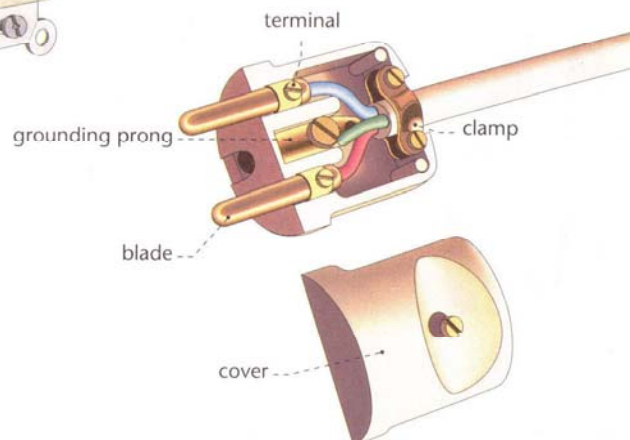
outlet



AMERICAN PLUG



EUROPEAN PLUG

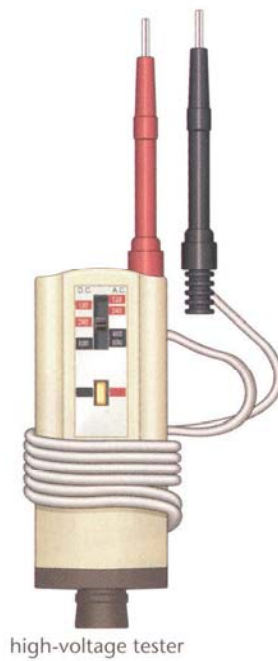


DO-IT-YOURSELF

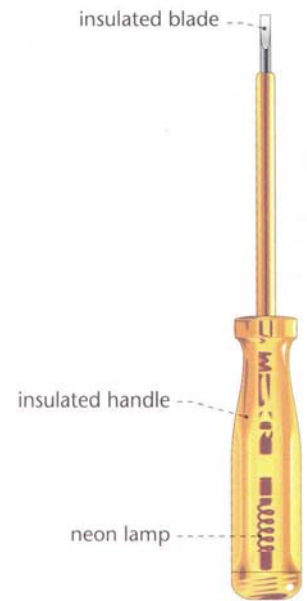
# ELECTRICITY

## ELECTRICIAN'S TOOLS

multimeter



voltage tester



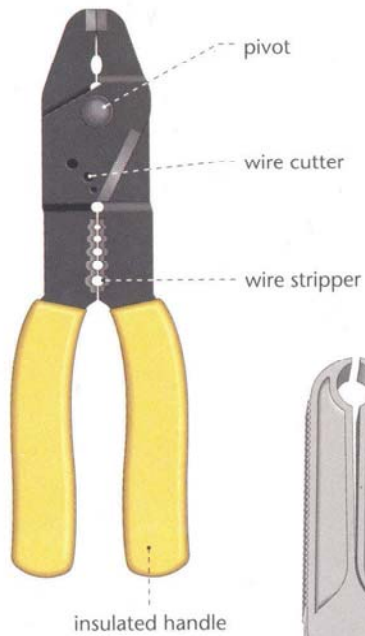
drop light





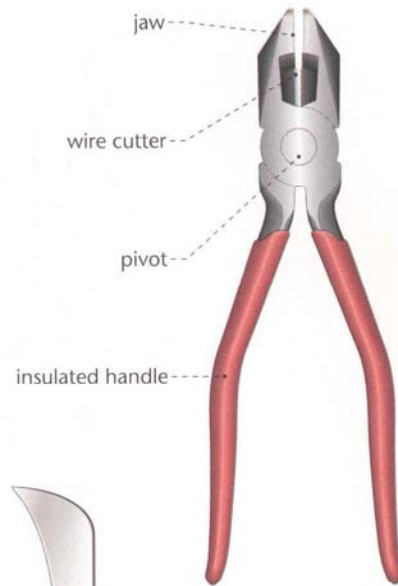
ELECTRICIAN'S TOOLS

multipurpose tool



hammer

lineman's pliers



fuse puller



cable ripper



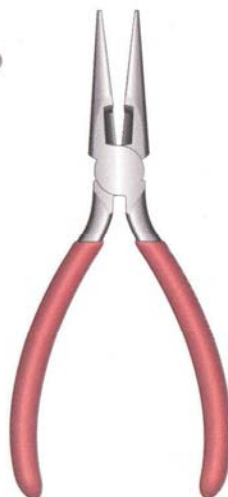
cutter



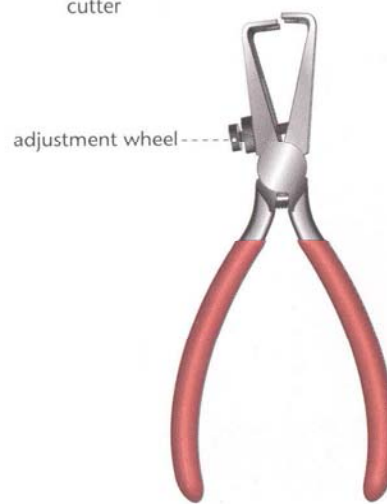
wire nut



fish wire



needle-nose pliers

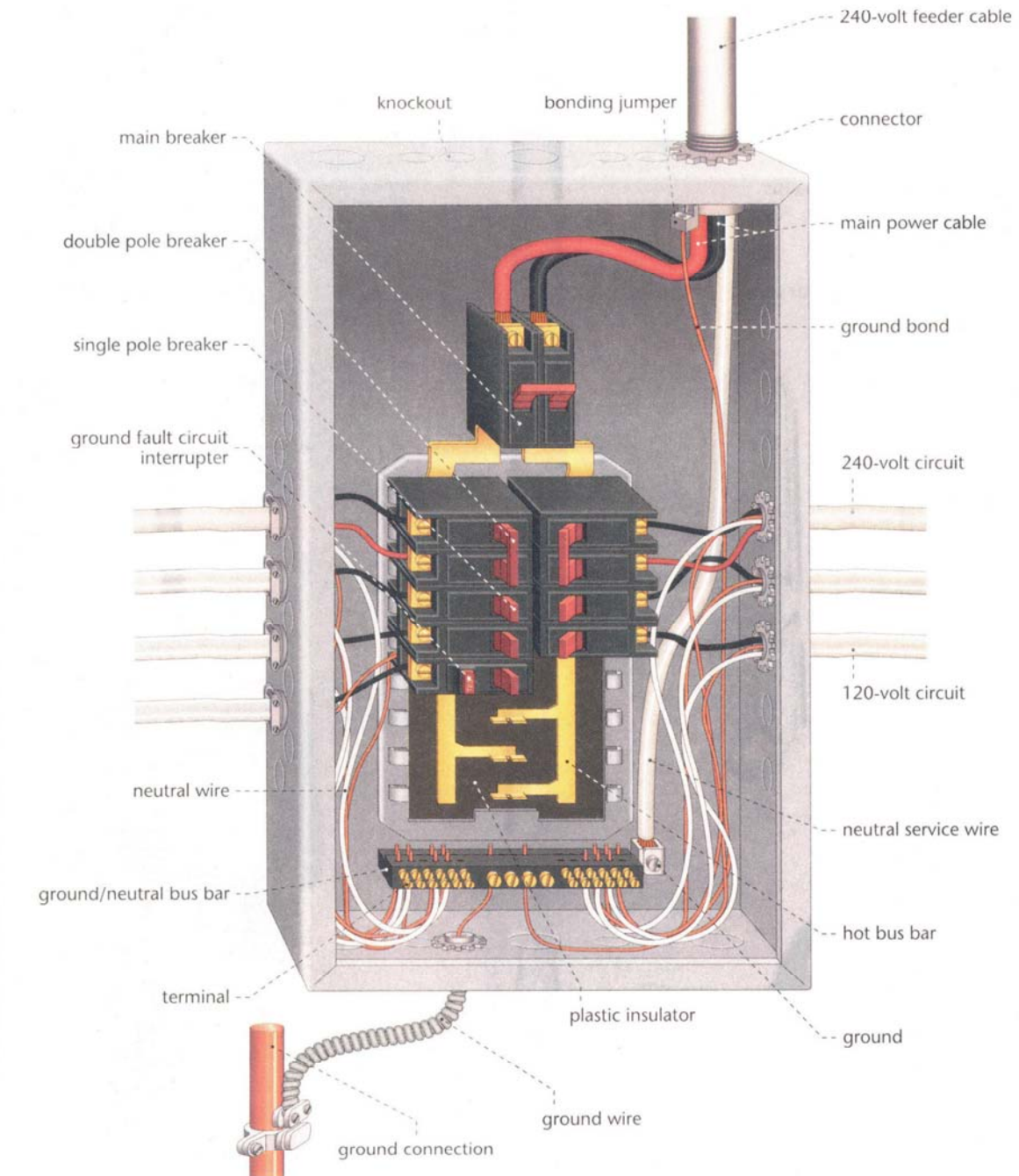


wire stripper

DO-IT-YOURSELF

## FUSE BOX

## DO-IT-YOURSELF



## FUSES



cartridge fuse



plug fuse



knife-blade cartridge fuse